

GRADUATE CATALOG

2025–2026



Policy Statement

This catalog is the official announcement of the programs, requirements, and regulations of the University, and students enrolling in the University are subject to the provisions as stated. It is the responsibility of every student to follow the standards and expectations contained in this catalog, as well as those in the student handbook, The Oracle. Fees and other charges, courses, requirements, and conditions are subject to change without notice. The University reserves the right to cancel any class or section for insufficient enrollment. Although the publisher of this catalog has made every reasonable effort to attain factual accuracy herein, no responsibility is assumed for editorial, clerical or printing errors or errors occasioned by honest mistake. All information contained in this catalog is subject to change by appropriate officials of Troy University without prior notice.

Troy University does not discriminate on the basis of sex, age, color, race, national origin, gender, political or religious opinions or affiliations, disability, disabled veteran/Vietnam-era Veteran status or sexual preference/orientation in its admissions, education, employment, or access to its programs. The University fully complies with the following: Civil Rights Act of 1964 and its amendments; Federal Executive Order 11246; Educational Amendments of 1972 and 1974; the Vietnam Era Veterans Readjustment Assistance Act of 1972; Age Discrimination Act of 1975; Family Educational Rights and Privacy Act of 1974; and the Uniformed Services Employment and Reemployment Rights Act of 1994.

Disclosure of a student's social security number is voluntary and not mandatory, and this University is authorized under federal law to enroll non-immigrant alien students. The University complies with guidelines and regulations established by the Department of Health and Human Services and the Food and Drug Administration of the United States Government.

2025-2026
Troy University
Graduate Catalog

Troy University
Troy, Alabama 36082
1-334-670-3000
<https://www.troy.edu>

Please consult the Troy University Website for changes that may have occurred.

TROY UNIVERSITY

ACCREDITATIONS, MEMBERSHIPS, AND AFFILIATIONS

Troy University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, education specialist, and doctoral degrees. Troy University also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the status of Troy University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Refer to the college sections of this catalog for information regarding specialized accreditation.

Troy University is accredited by the following:

- Accreditation Board for Engineering and Technology
- Accreditation Commission for Education in Nursing
- Association to Advance Collegiate Schools of Business
- Commission on Accreditation of Athletic Training Education
- Commission on Sport Management Accreditation
- Council for Accreditation of Counseling and Related Educational Programs
- Council for the Accreditation of Educator Preparation
- Council on Social Work Education
- National Association of Schools of Music
- Network of International Business Schools

Troy University is a member of the following:

- Alabama Association of College Administrators
- Alabama Council of Administrators of Professional Nursing Education Programs
- American Association of Colleges for Teacher Education
- American Association of State Colleges and Universities Council on Education
- National League for Nursing
- National Organization of Nurse Practitioner Faculties
- National Strength and Conditioning Association - Education Recognition Program
- State of Alabama Association of Colleges of Nursing

Troy University is affiliated with the following:

- Service Member's Opportunity College Program

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UNIVERSITY MISSION STATEMENT

Troy University is a public institution comprised of a network of campuses throughout Alabama and worldwide. International in scope, Troy University provides a variety of educational programs at the undergraduate and graduate levels for a diverse student body in traditional, nontraditional, and emerging electronic formats. Academic programs are supported

by a variety of student services which promote the welfare of the individual student. Troy University's dedicated faculty and staff promote discovery and exploration of knowledge and its application to life-long success through effective teaching, service, creative partnerships, scholarship, and research.

WELCOME TO TROY UNIVERSITY

Troy University's history of teaching excellence dates to its founding in February 1887 as Troy Normal School. From the outset, the institution quickly earned a reputation for innovation and accessibility. Troy Normal became Troy State Teachers College in 1929, Troy State College in 1957, and Troy State University in 1967.

The Montgomery campus earned independent accreditation in 1983, as did the Dothan campus in 1985. The Phenix City campus and the locations around the nation and the world, administered by the Troy Global Campus, have always operated

under the accreditation of the Troy campus.

In 2005, the separately accredited campuses were merged into a single university structure forming Troy University. This name change represented the fifth major advancement in the storied, dynamic rise of the University to national and international prominence. Today, Troy University serves nearly 30,000 students in Alabama and around the world.

The Troy University calendar may be found in each schedule of classes or at <https://www.troy.edu>.

THE GRADUATE SCHOOL

Authorized by the State Board of Education, Troy University, then known as Troy State College, offered its first master's degree program in 1957 and awarded the first master's degree in education in 1958. Since that time, Troy University has continued to meet the needs of its graduate students, and now the Graduate School offers advanced degrees in the colleges of education, business, the arts and sciences, and health and human services.

Purpose of the Graduate School

The purpose of the Graduate School is to provide quality, accessible degree programs that respond to the needs of the University's constituency for professional development and educational enrichment. The degree offerings reflect a wide range of master's degrees and a selected number of specialist programs that serve students and practitioners throughout this region and at site locations globally.

A purpose further exists to provide educational services for the larger community, especially graduate and advanced education for adult students.

Through the various degree programs, the Graduate School provides an academic environment conducive to the maximum development of students. This unit of the university provides quality programs to students and the larger community through the utilization of staff and facilities and through research, superior teaching, scholarship, and public service.

The goals of graduate study are:

1. to develop the professional skills and academic competencies of students;
2. to prepare students for research and further graduate study;
3. to promote the development of intellectual inquiry and the desire for life-long learning.

Organization and Administration of the Graduate School

The Graduate School of Troy University is under the general supervision of the Graduate Council. The Senior Vice Chancellor for Academic Affairs and Dean of the Graduate School serve as *ex officio* members of the Council. The Council is organized to

provide for systematic examination, approval, and evaluation of all curricular offerings and degree requirements. All policies and regulations affecting graduate curricular and degree programs are formulated by the Graduate Council.

Members of the Graduate Council are elected from the graduate faculty in the five colleges of the University.

Scope of the Instructional Program

The basic purposes of the University are determined by the Alabama State Legislature and the University's Board of Trustees. While the past history of the University reflects an institutional purpose that was dedicated to teacher education, there has been in recent years broadening dedication to the advancement of the arts and sciences, business, communication and fine arts, and health and human services.

The faculty and administration of the University recognize that changes in technology, urbanization of the region, advances of science, greater participation by working students, national and world economics, international relations, and advancement of democratic processes, along with the preservation and advancement of the cultural heritage, will demand constant attention in determining the future purposes of the University.

Nature of Graduate Work

Graduate level work differs appreciably from that of undergraduate programs. Graduate students will find that their programs are geared toward meeting certain criteria.

The first of these criteria is that the graduate student should understand the ramifications of research as well as the manner in which it is conducted. Research, the context of graduate study, is conducted in a systematic, thorough, critical, interpretative, and analytical manner—free of preconceived notions and receptive to new ideas; such research attempts to collate and synthesize new patterns of meaning, discover new truths, and correct past errors.

The second component of the graduate program requires that graduate students master their field of study. Such mastery would entail a thorough grasp of the subject matter, literature in the field, theory, and methodology related to the student's field of interest.

Finally, every graduate program must give students the opportunity to demonstrate research skills, knowledge of the field, and opportunity to contribute to the field of study. Thus, a person who wishes to do graduate level work must be prepared to pass examinations, both written and oral, to write coherent papers that reflect the results of research as defined above, and to participate in course projects.

GENERAL REGULATIONS

Admission Requirements

All regulations governing the Graduate School are designed to equal or exceed the minimum criteria recommended by the Commission on Colleges of the Southern Association of Colleges and Schools, the Alabama State Department of Education, and specialized accreditation. All regulations regarding admission, retention and completion are minimum, and departments, schools, and colleges may prescribe more stringent requirements. Applicants are advised to check with the dean, department chair, or program adviser in the academic area, or the Graduate Admissions Office for degree requirements specific to the degree sought.

Pre-Admission Procedures

Application Forms

Application forms for admission to the Graduate School are available online at admissions.troy.edu. The application should be submitted at least one month before the first day of the semester or term of intended attendance. If fraudulent information is discovered on the application form, a student may be administratively withdrawn.

Applications must include:

1. A completed online application form with fee;
2. Validated proof of earning a BA/BS degree from a regionally accredited or otherwise approved college by submitting official transcripts from all universities attended;
3. Appropriate standardized admission exam, if required;
4. A letter of recommendation; and
5. Other documentation supporting the application

Please see the following explanation of these application requirements.

Consult the Troy University webpage at www.troy.edu/applications-admissions/admissions-process-requirements/graduate/index.html for additional information.

Admission Contact Information

Troy Campus Email: ask@troy.edu Phone: 1-800-551-9716	Phenix City Campus Email: ask@troy.edu Phone: 1-866-876-9787
Dothan Campus Email: ask@troy.edu Phone: 1-866-291-0317	Montgomery Campus Email: ask@troy.edu Phone: 1-800-355-8786
Global Campus (including online programs) Email: ask@troy.edu Phone: 1-800-414-5756	International Students Email: intlrecruit@troy.edu Phone: 1-334-670-3335

Transcripts

The Graduate School requires all applicants to submit official transcripts (raised seal with Registrar's signature, security paper, and without "Issued to Student" stamped on them) from their baccalaureate degree granting institution and the last institution attended when applicable. Any graduate coursework from a prior institution should also be submitted. Troy University undergraduates do NOT need to provide a transcript. All official transcripts showing the completion of the bachelor's, master's, or higher degree are required for

applicants holding a master's or higher degree. These transcripts must be sent directly from the previous university or college directly to and be filed in the Graduate Admissions Office at the address listed below. Applicants are responsible for requesting official transcripts from each institution previously attended. The Admissions Office will assist students in completing transcript requests. Applicants who have not completed the undergraduate degree are required to submit one official transcript at the time of application and one official transcript upon completion of the degree. Once the Application for Admission is on file, all transcripts submitted become the property of Troy University and will not be returned. Transcripts should be sent to the appropriate address. Students are expected to notify Troy University if they are not in good standing with another institution at the time of application. Please note that students entering a graduate program with pre-requisite requirements may be required to submit additional transcripts for their program admission. These requirements are for admission only, and students may be required to submit additional transcripts for financial aid following admission.

Standardized Admission Test (Entrance Exam) Scores

Official scores from nationally standardized aptitude examinations, such as the GRE or GMAT must be submitted at the time of application if required by the program. No time limit for test scores is established for admission into Graduate School, although most scores are only available for five years. All GRE or GMAT scores can be sent to:

Domestic Students	International Students
Graduate Admissions University Park suite 100 Troy University Troy, AL 36082 Email: ask@troy.edu Phone: 1-800-414-5756	International Admissions 003 Hawkins Hall Troy University Troy, AL 36082 Email: intlrecruit@troy.edu Phone: 1-334-670-3335

Letter of Recommendation

The official Troy University Letter of Recommendation that addresses the individual's potential for success in the selected graduate program, as well as his/her written and oral communication skills must be completed and submitted electronically to the location that the Application for Admission was submitted. See Admission for details regarding submission of letter. **NOTE:** A letter submitted to meet specific program requirements may be used for admission to the Graduate School to satisfy this admission requirement.

Other Documents Required

1. College of Education students seeking advanced teacher certification (Class A) must furnish a copy of a valid teaching certificate (not Optional or Provisional certificates). Alternative Fifth-year students seeking initial certification are not required to present a teaching certificate. See the College of Education section for additional information.
2. Students who have completed an Air Force, Navy, Army, or Marine Corps intermediate or senior level Professional Military Education (PME) course must submit an official transcript from the Registrar at Air University, Naval War College, or Army War

College. Students who have completed U.S. Army Command and General Staff College or the Marine Command and Staff College must submit an official transcript. Students who have completed any other service-sponsored PME School must submit a course completion certificate.

- Students who enroll or take courses on the Troy campus must submit a medical record to the Health Center (Troy Campus requirement).

Submission of the completed application, application fee, official test scores, letter of recommendation, and official transcripts normally completes an application for admission.

Graduate Program Admission Classifications

Master's Degree Programs

Admission Requirements

To qualify for admission to Graduate School, applicant must meet the requirements of the Graduate School as well as the specific program of interest. Graduate School admission requirements are outlined below. Students who transfer to another graduate program after admission will be required to meet the admission requirements for the new program. All students must complete a Student Acknowledgment Form.

Unconditional Admission - Master's Degree

To qualify for unconditional admission to a master's degree program, applicants must meet the following requirements:

- Hold a master's or higher degree from a regionally accredited or equivalent foreign university. No test score or letter of recommendation is required for those who hold a master's or higher degree from an accredited university for any master's level program. All official transcripts must be provided.
OR
- Hold a baccalaureate degree from a regionally accredited or equivalent foreign university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. Students entering licensure and professional programs must meet specified grade point average requirements.
OR
- Hold a baccalaureate degree from an unaccredited or otherwise accredited college or university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. (See Unaccredited or Otherwise Accredited Baccalaureate Degree Holders - Student Admission Requirements.). **NOTE:** *Students seeking advanced degrees in teacher education or nursing programs must hold a baccalaureate degree from a regionally accredited college or university.*
AND
- Provide an official Troy University Letter of Recommendation that addresses the individual's potential for success in the selected graduate program, as well as his/her written and oral communication skills. See Admission for details regarding submission of letter. **NOTE:** *A letter submitted to meet specific program requirements may be used for admission to the Graduate School to satisfy this admission requirement*
AND
- Meet the unconditional requirements of the specific program. See specific programs for details. Some programs have

additional requirements, which may include a graduate admissions test or qualified work experience.

Conditional Admission - Master's Degree

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements. **Not applicable for Ed.S., Alternative Fifth-Year Certification programs, DNP, or Ph.D. students.**

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year, after which they may petition the Dean of the Graduate School to re-enter.

Students admitted conditionally only because of a low test score, where applicable, will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score. **NOTE:** *Please consult the individual program test score requirement prior to taking the exam. Exam requirements vary by program.*

Students must meet the conditional admission requirements for both the Graduate School as well as the specific program. Not all programs have Conditional Admission Program; specific admission requirements are outlined for each program. See program description and curriculum for details.

Baccalaureate Degree Holders

Students who have earned a baccalaureate degree from a regionally accredited or equivalent foreign college or university, but lack the required grade point average and/or acceptable test score (official test score required) to be admitted unconditionally, may be granted conditional admission for a maximum of nine semester hours of program applicable. Students admitted under conditional status may, with the consent of their major adviser, enroll in as many as nine semester hours during their first semester. (Also see Unaccredited or Otherwise Accredited Student Admission requirements.)

Temporary Admission—Master's Degree

(Nine semester hour maximum load for full time enrollment.)

Temporary admission may be granted under certain circumstances to applicants who have not submitted all original transcripts, the letter of recommendation, or original exam scores where applicable.

NOTE: *Please consult the individual program test score requirement prior to taking exam. Exam requirements vary by program. Not all programs allow for Temporary Admission.*

Application fees must be paid in full to be considered for Temporary Admission status. Students must provide, at a minimum, proof of eligibility, copy of bachelor's degree transcript, diploma, or letter of completion to be initially considered as eligible for Temporary status. **Not applicable for Licensure programs, Ph.D., DNP, Ed.S., MEd., M.Acc., MA.Eco., MBA, MSHRM, or MSN Students**

Procedures

A baccalaureate graduate of a regionally accredited or equivalent foreign college or university who lacks certain necessary records may be granted temporary admission. Such records should be completed before the end of the semester or term for which the student was given temporary admission. Students admitted in temporary status are under conditional admission requirements until admission status may be determined. Conditional admission status requires that students must clear the conditional admission requirement of a 3.0 grade point average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year, after which they may petition the Dean of the Graduate School to re-enter. **Students from non-accredited or otherwise accredited universities or students seeking dual enrollment are not eligible for temporary admission. (See Unaccredited or Otherwise Accredited Student Admission requirements.)**

Records

1. If the records are completed before the term ends, and the results indicate that the student is not eligible for admission, the student must withdraw from the class or classes with a refund if applicable, or receive non-degree credit for the class or classes for which he/she is registered. Applicable refunds will be made in accordance with regulations as stated in published refund policies.
2. When the records are completed and if it is determined that the student was not eligible for graduate admission, all hours pursued will be converted to non-degree credit with no refund of tuition. Students receiving financial aid are responsible for repayment.
3. When the records are completed, and if it is determined that the student was not eligible for unconditional enrollment because of low grade point average or low exam score(s), student will be admitted under conditional status. See Conditional Admission requirements.
4. If the student has completed the term for which temporary admission was granted and the records are still not in order, the hours pursued will be held in abeyance until the records are clear. No refund of tuition will be made, and the student will not be permitted to enroll in succeeding terms until the records are complete and admissibility is determined; however, with the permission of the appropriate graduate admission authority, the student may extend temporary admission for a second term. Written approval authorizing the extension must be in the student's permanent record. A student may attend only a maximum of one semester, two terms, or complete nine credit hours in temporary status. There is no "second semester" or "third term" extension.
5. When the records are complete and if it is determined that the student was eligible for unconditional admission, all hours pursued will be counted toward the appropriate graduate program requirement.
2. Have earned a minimum cumulative GPA of 3.0 (4.0 scale) on all post-secondary coursework.
3. Submit official transcripts for all post-secondary academic study.
4. Earn a minimum GRE score of 290 (150 verbal, 140 quantitative) or 850 on pre-November 2011 GRE test (450-verbal, 400 quantitative). **NOTE: This requirement is waived for post-MSN applicants.**
5. Possess a current unencumbered license as a registered nurse in Alabama or in the state where clinical practice will occur.
6. Submit two letters of professional reference that address academic ability, professional competence, and leadership potential in nursing.
7. Complete a successful interview conducted by the Nursing Graduate Admissions Committee.
8. Submit an 800 to 1000 word essay describing professional goals and how completion of the DNP program will enhance future roles and activities.
9. Submit a resume that includes education, work experience in nursing, research experiences, publications, presentations, community service, professional memberships and service.
10. Possess a valid certification in advanced practice nursing from a nationally recognized credentialing body or be eligible to take a nationally recognized certification exam. **NOTE: This requirement applies only to post-MSN applicants.**
11. Submit documentation of academic clinical hours. **NOTE: This requirement applies only to Specialty to DNP and post-MSN applicants.**

Conditional Admission—Doctoral Degree

All candidates for admission to the DNP program must meet the requirements of unconditional admission as described above. Conditional admission is not available for DNP applicants.

Doctor of Philosophy in Sport Management (Ph.D.) The applicant must submit an application to the Troy University Graduate School. No prerequisites will be required for admission other than the applicant must have attained a master's degree from a regionally accredited institution of higher education. In order to be given full consideration, all requested materials must be received by the deadlines listed below:

Application Deadlines:

Fall Admission for U.S. citizens:	May 1
Fall Admission for non-U.S. citizens:	March 1
Spring Admission for U.S. citizens:	September
1 Spring Admission for non-U.S. citizens:	July 1

Admission Examination Requirements

1. TOEFL scores are required for all international students; this requirement is waived if the student has earned a bachelor's or master's degree from a regionally accredited U.S. institution. Students scoring 80 or higher on the Internet-based TOEFL Test, 213 or higher on the Computer-based Test, and a 550 or higher on the Paper-based TOEFL Test will be given full consideration for admission into the Doctoral Program. Students scoring below these requirements may be required to (in addition to other admission requirements) interview with the Doctoral Admissions Committee prior to full consideration of admission into the program.
2. Official scores from nationally standardized aptitude examinations, such as the Graduate Record Examination (GRE), General Management Admissions Test (GMAT), or Law School Admissions Test (LSAT), must be submitted at the time of

Doctoral Degree Programs

Doctor of Nursing Practice (DNP)

Unconditional Admission—Doctoral Degree

Doctorate of Nursing Practice (DNP) students will be admitted only under unconditional admission status. Admission to the program will have limited availability. To be considered for unconditional admission to the DNP program, the applicant must

1. Hold the required degree from a nationally-accredited program (ACEN, NLNAC, or CCNE).

application. All entrance exams must have taken place within 5 years of submission to the program. Applicants achieving the minimum scores on the submitted entrance exam will be given full consideration for admission into the doctoral program. Minimum scores are presented below.

GMAT = 540 total score (verbal and quantitative)

LSAT = 157-158 total score

GRE = 304 on the Revised GRE (verbal and quantitative only)

OR

1000 or higher on the Non-Revised GRE

(verbal and quantitative score totals only)

3. Students scoring slightly below the minimum scores indicated may request an interview with the Doctoral Admissions Committee prior to full consideration of admission into the program. If the Doctoral Admissions committee deems the applicant's transcripts, references, writing sample, and statement of intent submitted items acceptable, the interview may be conducted. It is the applicant's responsibility to contact the Doctoral Program Coordinator to request an interview.

The applicant must submit the following materials to the Troy University Graduate School:

1. Troy University Graduate School Application Form
2. One official transcript per each institution of higher education ever attended.
3. Three (3) Letters of Reference
The letters of reference must address the applicant's readiness to enroll in a doctoral program. It is recommended that such individuals be previous undergraduate or graduate professors, advisors or others who can substantiate the applicant's academic preparation for admittance to a doctoral program.
4. Statement of Intent. The statement of intent should:
 - A. Identify and obtain support for a TROY Sport Management doctoral faculty member to serve as potential research advisor
 - B. Include details of your rationale for pursuing a Ph.D. in Sport Management.
 - C. Include details regarding your career and research interests.

5. Writing Sample

The goal of the writing sample is to measure the applicant's ability to write clearly and succinctly in an academic fashion. The writing sample will assist the Doctoral Admissions Committee in evaluating the applicant's research, writing, analytical and problem-solving skills. The writing sample may include a thesis completed by the student or a significant research paper, preferably written at the graduate level and solely by the applicant. The paper must be double-spaced, 12-point, Times New Roman font with 1 inch margins on all sides. It is recommended that the writing sample follow the American Psychological Association (APA) style. However, other writing styles, including but not limited to Chicago, Modern Language Association (MLA), AMA Manual, or other accepted research writing styles will be considered.

The Doctoral Admissions Committee will evaluate the writing sample based on the following criteria: 1) Writing Development and Critical Thinking – ability to articulate the primary concept and inform the reader of its focus; 2) Organization and Structure - development of the topic to include fluid transitions; 3) Paragraph Development - use of transitions and language within each paragraph.; 4) Mechanics – appropriate spelling, grammar, and punctuation; and 5) Use of

Writing Style – Although all classes and dissertations will employ the APA format, the Committee will review the sample for appropriate use of other acceptable academic research writing style such as cited in the previous paragraph **NOTE:** *The writing sample could also include accepted or published research that the applicant has been sole or co-author of a research project. The applicant must submit a PDF of the paper or a link as proof of publication.*

6. Resume or Curriculum Vitae

Transient Admission

Students from other accredited universities who wish to take a course(s) from Troy University must:

1. Complete a standard "Application for Admission," provide proof of a baccalaureate degree (no official transcripts required) and pay the application fee.
2. Present a transient authorization form from the parent school to the Admissions office of the campus location where the course will be delivered. The authorization must identify the course(s) to be taken and the term in which it will be taken or indicate that the course is to be taken at the student's discretion. The form must be signed by a designated official of the University or campus (i.e., Registrar, Director, etc.).
3. Meet all prerequisites and provide the documentation prior to being admitted to a particular course. Application status for the semester is determined by the information supplied on the application for admission. Admission status may not be changed following the last day to add/drop for the semester.

Transfer Admission

The admission requirements for transfer students are the same as regular admission standards. Students on temporary, permanent academic, or disciplinary suspension from any other college or university should refer to Transfer of Students on Suspension.

Transfer of Students on Suspension from Another Institution

1. Temporary, Indefinite, or Permanent Academic Suspension: A student who has been suspended from another college or university is not eligible to apply for admission to Troy University. Appeals may be made to the Dean of the Graduate School.
2. Disciplinary Suspension: Students on disciplinary suspension from another institution must be eligible to return to that institution before being considered for admission to Troy University.

NOTE: *Requests for waivers must be submitted in writing to the Dean of the Graduate School.*

TROY Honors Graduate Admission

Students holding a baccalaureate degree from a regionally accredited institution from the list of undergraduate degrees provided below, and a "cumulative" grade point average of 3.4 or above may be "unconditionally" admitted to the listed graduate program below. Not all graduate programs participate in Troy Honors Graduate Admission. Participating graduate programs are listed on the following page. Students admitted as a Troy Honors Graduate must complete an Application for Admission and pay the application fee. Upon verification of the graduating cumulative grade point average and corresponding undergraduate degree, all admission exams and letters of recommendation are waived. Please see chart for the full listing of participating programs and required baccalaureate degrees.

*Applicants from non-AACSB accredited institutions will automatically go through a Sorrell College admission review before

acceptance.

Troy Honors Graduate Admission applies only to the following graduate programs:

Graduate Program Master of Science in	Corresponding Undergraduate Degrees- BA/BS in
Accountancy	Accounting
Adult Education	Any Area
Computer Science	Computer Science or related field
Criminal Justice	Any Area
Economics	Any Area
Environmental and Biological Sciences	Any Area plus demonstrate an adequate background in the sciences that includes natural or biological sciences, general, chemistry, and statistics
International Relations	Any Area
Master of Business Administration- All options	Business Administration, Global Business, Economics, Accounting
Human Resource Management	Any Area
Management	Any Area
Nursing (MSN)	Nursing
Public Administration	Any Area
Social Science	Any Area
Social Work	Any Area
Strategic Communications	Multimedia Journalism, Broadcast Journalism, Communication Arts, English
MS Sport Management	Exercise Science, Hospitality, Sport, and Tourism Management, Business Admin., Global Business, Economics, Accounting

Unaccredited or Otherwise Accredited Baccalaureate or Master's Degree Holders - Student Admission Requirements (United States and Foreign Universities)

Students must submit an official transcript(s) with degree(s) posted at least one semester/term prior to the desired date of registration. The appropriate academic college and the Graduate Council will evaluate all submitted transcripts using commonly accepted practices and guidelines. A determination will be made based on (1) the unaccredited or otherwise accredited institution's affiliation with the following agencies which honor recognition provided by the former: Council on Postsecondary Accreditation (COPA) and the Commission on Recognition of Post Secondary Accreditation (CORPA) and/or the Council for Higher Education Accreditation (CHEA); (2) acceptance of credit by three other regionally accredited universities located in the area of the unaccredited institution; (3) review and approval of the Graduate Council. The applicant will be required to submit a copy of the college's catalog and other information as needed. Only upon the approval of the Graduate Council may a student begin taking graduate courses at Troy University. Should the student be inadvertently (without the University's knowing that the baccalaureate degree or master's degree is from an unaccredited or otherwise accredited institution) admitted into classes prior to baccalaureate degree or master's degree approval,

and the evaluation indicates that the student is not eligible for admission; the student will be withdrawn from the class or classes, or receive non-degree credit for the class or classes for which he/she is improperly registered, and all tuition will be forfeited.

NOTE: Students seeking advanced degrees in teacher education or nursing programs must hold a baccalaureate degree from a regionally accredited college or university.

NOTE: Students seeking a master's degree from the Sorrell College of Business who hold an undergraduate degree from a non-regionally accredited U.S. college or university must obtain and submit a letter from the Dean of three Colleges/Schools of Business accredited by the AACSB, stating that students from the student's non-regionally accredited undergraduate institution have been accepted into the graduate business programs at those institutions.

Post Master's Admission

Students admitted in this category must hold the master's degree from a regionally accredited or equivalent foreign institution. Graduate credit taken while enrolled as a post-master's degree student is not admissible as degree credit unless it is approved by the Program Director and is limited to a total of six semester hours. All official undergraduate and graduate transcripts are required for admission. If the degree is earned outside the United States, an Educational Credential Evaluators, Inc. (ECE) evaluation is mandatory. Applicants to the DNP program are eligible only for unconditional admission status.

Students requiring more than six semester hours as a post-master's student for licensure or certification must receive approval by the department chair and graduate dean prior to exceeding the allowable number of semester hours. The transfer credit policy and number of hours allowed as transfer credit applies to post master's student.

Special Admission: Non-Degree Matriculates

A student interested in earning graduate credit, but who is not an applicant for a graduate degree at Troy University, may be admitted as a "Special Student" with the approval of the Dean of the Graduate School or his/her designee. Admission may be granted to qualified students holding a baccalaureate degree or higher from a regionally accredited or equivalent foreign institution or to students in good standing at another regionally accredited or equivalent graduate school (official copy of transcript must be provided). Should a student apply later and be accepted to a degree program, a limit of six semester hours will be considered for credit toward the degree. Graduate students may earn no more than six semester hours of grades below "B" (see Academic Suspension). It is the responsibility of the student to observe the limitations imposed on credit hours, grade point average, coursework, and transfer of credit. Special students may not be admitted at a later date on a temporary admission. Credits taken in Special Admission status by students who are found not to be in good standing at their previous institution will be voided with the posting of no grade "NG" by the Registrar.

Doctoral students are not eligible for special admission status.

Certificate Program Admission Requirements

Students interested in completing a certificate program offered through the Graduate School must apply to be unconditionally admitted into the Graduate School through the standard admission process. All certificate courses are graduate courses. Consult the Uncon-

ditional Admission section of this catalog for admission requirements.

International Student Admission

International Student Graduate Admission Requirements

1. Meet all Graduate School Admission Criteria
2. The Troy University International Admissions Office will evaluate student degree credentials using standardized best practice procedures and determine equivalency to a U.S. degree.
3. Meet the English Proficiency Requirements for Graduate Admission. All graduate students must demonstrate English proficiency for admission to the Graduate School prior to taking graduate courses*. Proficiency may be demonstrated by ONE of the following options:
 - TOEFL iBT: 70
 - IELTS Overall Band: 6.0
 - iTEP: 4
 - PTE: 54
 - Duolingo 105
 - Oxford ELLT: 7

The test will be considered valid for two (2) years starting from the date it was taken.

*The Graduate School does not offer conditional admission based on English proficiency. As a result, students who do not meet the English proficiency requirement can only be admitted to our ESL program prior to applying to their graduate program.

Contact the Center for International Programs at intlrecruit@troy.edu for more information.

English Placement for Non-native Speaker of English

Any student whose first language is not English must submit an official score report for the Test of English as a Foreign Language (TOEFL), the International English Testing System (IELTS), or the ACT Compass ESL examination. Students who do not meet the minimum English proficiency requirements specified for the TOEFL, IELTS, or ACT Compass ESL test will be placed at the appropriate level in the Troy University English as a Second Language (ESL) program. ESL program is available on the Troy campus and at the Global Campus site in Atlanta.

The following process will be used to satisfy the Graduate School language admissions requirements through the Troy University ESL program:

Students will be placed in the appropriate level of English as a Second Language (ESL) class based on the score made on the ACT Compass ESL test. A standardized final exam will count as 30% of the final grade in each class at the advanced level. Students must make a grade of "B" or better in their last semester/term at the completion of level five and/or six in order to be "certified" as having met the English proficiency requirement for admission to the Graduate School. The certification form will be submitted by the International Programs Admissions Office to the Student Services Office upon the student's successful completion of the ESL program. Students may not begin taking graduate courses until they are "certified" as English proficient. Contact the Center for International Programs at intlprog@troy.edu for specific information.

Student Visa Requirements

Only the Troy University campuses in Alabama and the teaching site in Atlanta, Georgia, are approved to host students on a nonimmigrant student visa. Students may refer to the website for infor-

mation on program availability at a specific Troy University campus.

Persons requesting U.S. Citizenship and Immigration Services (USCIS) form I-20 to obtain an F-1 visa or DS-2019 to obtain a J-1 visa who require additional information should contact the Center for International Programs, Troy, Alabama, 36082, USA; telephone: 1 (334) 670-3736; email: intlprog@troy.edu.

International Student Submission Requirements

Students must submit the following official documents:

1. Completed Application for Admission.
2. Application fee.
3. All official transcripts and preferably Educational Credential Evaluators, Inc. (ECE) evaluation of the transcript if the institution is not an accredited United States institution. Prospective students must submit an institutionally transcribed transcript in English. Applicants who cannot obtain an institutionally translated transcript may obtain a translation utilizing the services of an approved credential evaluating service.

Educational Credential Evaluators, Inc (ECE)

P.O. Box 514070

Milwaukee, WI 53203-3470

Telephone (414) 289-3400

Fax: (414) 289-3411, Email: eval@ece.org

<http://www.ece.org>

Institutionally translated transcripts will be evaluated, preferably by ECE or may be evaluated by Troy University using standard accreditation practices and guidelines. If the foreign school does not appear in any of these sources, or if the transcript does not provide the information necessary to determine admission status based on standard criteria, the applicant must utilize the credential evaluation services ECE. Whenever possible, applicants transferring credit should submit a copy of the school catalog.

4. Students must make a satisfactory score on the TOEFL, IELTS, or ACT Compass ESL exam (may be taken only once) prior to beginning graduate coursework. See English Proficiency Requirements provided under International Student Admission Requirements.
5. Satisfactory score on the graduate admission examination. **NOTE:** Please consult the individual program test score requirement prior to taking exam. Exam requirements vary by program. (Contact the Troy University International Admission office or an International Troy University site office near you for more information.)
6. Troy University Letter of Recommendation. The Letter of Recommendation form is located online. The following items must be addressed in the Letter of Recommendation: the recommender's name, organization, position or title, telephone or email; how long and in what capacity the recommender has known the applicant; and the key characteristics that the candidate possesses (e.g., leadership, communication, knowledge, creativity, reliability, ability to communicate in writing, initiative, ability to get along with others, scholarly potential).
7. A detailed statement of financial status showing that adequate financial resources are ensured. Non-U.S. citizens (and immediate family members) who are members of allied military forces or civilian agencies assigned to U.S. military installations are exempt from providing financial statements or TOEFL scores provided that their proficiency in English is certified in

writing by an appropriate U.S. military official. Such a statement of financial status is required only for those international students seeking a J-1 or F-1 student visa.

Three-Year Baccalaureate Degree Holders Requesting Admission to the Graduate School

1. No additional courses are required for students completing at least one year of a graduate program in their home country prior to applying to the Troy University Graduate School. Applicants must meet all English proficiency requirements that are provided under International Student Admission Requirements.

OR

2. Students graduating with a three-year degree that is considered equivalent to four-year degree by an organization that is a member of National Association of Credential Evaluation Services (NACES) may be admitted unconditionally if the student meets all admission and English proficiency requirements.

OR

3. Students who do not qualify for admission by the two options listed above will meet with the dean of the discipline, for which the student seeks admission, who will prescribe a mandatory one-year baccalaureate equivalent course of study of at least 30 semester hours of undergraduate coursework, to be completed with a cumulative grade point average of 2.5. All grades below the grade of "C" must be retaken. This prescribed course of undergraduate study shall be referred to as program prerequisite. These students should not repeat courses taken at the undergraduate level. These students will be enrolled as "Undergraduate" students. This coursework must be successfully completed and certified by the dean of the college prescribing the coursework prior to admission to the Graduate School. Upon completion of the program prerequisites, students will be admitted to the appropriate graduate program.

Dual Enrollment

Lacking Prerequisites

Students holding a baccalaureate degree from a regionally accredited or equivalent foreign college or university, who are applying for graduate admission will have transcripts reviewed by their adviser to determine if specific degree program prerequisites are met prior to admission to a graduate program.

Students needing to meet prerequisite requirements will be considered "Post-Baccalaureate" students until such time as prerequisites are fully completed, and the cumulative grade point average for the prerequisite courses is a 2.5. "Post-Baccalaureate" students having six semester hours or fewer of prerequisites remaining may begin dual enrollment coursework and apply for Graduate Admission with the approval of their adviser.

Final Semester of Graduating Seniors Only

With the approval of the Dean of the Graduate School or designee, seniors lacking six semester hours or fewer for graduation may, during the term in which their undergraduate requirements are being completed, be enrolled in one or more courses for graduate credit provided they present an acceptable score on the appropriate entrance exam if applicable and have an overall grade point average of 2.5 (on a 4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. Consult specific programs for specific admission require-

ments. If admitted, the student may enroll in no more than a combined total of nine semester hours of undergraduate and graduate work.

See *TROY Honors Graduate Admission* requirements for applicability.

Academic Program Evaluation

The Academic "Program Evaluation" serves as a formalized program document developed by a graduate student and his/her adviser. Together, the student and adviser confirm this document. The Academic "Program Evaluation" provides an outline of the coursework and requirements leading to a specified graduate degree. It should be referenced during each registration. If the student selects courses outside the approved plan of study, without prior faculty adviser approval, the credits may not apply toward degree requirements, but will affect the student's grade point average. The Academic "Program Evaluation" may be found on Self-Service.

Academic Suspension/Dropped from Program/Retention

Graduate students may earn no more than six semester hours of grades below "B". Students who earn more than six semester hours of "C" grades or below are automatically academically suspended from the University for a period of one calendar year, at which time the student may petition the Dean of the Graduate School for readmission.

Conditionally admitted students who do not attain a 3.0 grade point average (4.0 scale) at the completion of nine semester hours will be academically suspended from the University for a period of one calendar year, at which time the student may petition the Dean of the Graduate School for readmission.

Students who are academically suspended are prohibited from attending the Graduate School or any academic level of the University for a period of one calendar year. Any courses taken at another university during the time of academic suspension will not be accepted for credit.

Courses that are over eight years old are not computed in grade point averages for retention purposes. Quality points are no longer considered in determining retention.

Attendance Policy

In registering for classes at the university, graduate students accept responsibility for attending scheduled class meetings, completing assignments on time, and contributing to class discussion and exploration of ideas. Students receiving financial assistance are required to attend classes according to the regulations for financial assistance benefits in addition to those regulations required for the course.

A student will be excused for a class absence for circumstances beyond the student's control or if the student has been required to attend an activity sponsored by the university. Faculty members who sponsor activities that require class absences must send a list of student names approved by the Dean or designee or Office of the Provost to each member concerned at least three days before the scheduled absence.

Faculty members may levy academic penalties upon unexcused absences; however, such penalties for unexcused absences will be a part of each course syllabus and will be distributed to each class at the beginning of each class and a copy filed in the departmental office.

Changes in Class Schedules

The courses for which a student registers must bear the approval of his/her adviser and the appropriate Academic Dean. Changes in the class schedule are not permitted after the close of the registration period.

Registration for a course makes the student responsible for completing the course unless he/she officially drops or withdraws from the course(s).

Drops

A student who wishes to reduce, but not entirely eliminate, his or her credit load may drop a course. Students may drop a course or courses via Self-Service or submit a request in the Record's Office. The last day to drop a course will be assigned for each term, session, or semester based on 65% completion of the length of the course. Dates will be published on the Academics Calendar (<https://www.troy.edu/academics/calendar.html>) and the Academic Records (<https://www.troy.edu/academics/academic-resources/records-office/index.html>) web pages. The 65% rule also applies to international teaching locations.

From Early Registration through Late Registration—Free Course Schedule Adjustment Period

Students may drop a course or courses during the Free Course Schedule Adjustment Period. Tuition and refundable fees will be returned.

From End of Late Registration (Free Course Schedule Adjustment Period) through the Last Day to Withdraw

A non-punitive grade of DR will be assigned up until the last day to drop, as posted in the Schedule of Classes and on appropriate web pages. Students may not drop after the deadline. Any student who fails to drop by the deadline will be assigned a grade. Extenuating circumstances such as military deployments must be documented before an exception can be considered.

Withdrawals

Withdrawal from the University is defined as a removal from all courses for all current semesters, sessions, or terms. The last day to drop a course will be assigned for each term, session, or semester based on 65% completion of the length of the course. Dates will be published on the Schedule of Classes and the Academic Records web page. The 65% rule also applies to international teaching locations.

From Early Registration through Late Registration—Free Course Schedule Adjustment Period

Students who wish to withdraw from all classes prior to the last day of late registration must CANCEL their registration in writing through the designated withdrawal official (DWO) located on the **Academic Records web page**. Written cancellation does not require the completion of the withdrawal form or an exit interview. Tuition and refundable fees will be returned.

From End of Late Registration (Free Course Schedule Adjustment Period) through the Last Day to Withdraw

A student who wishes to withdraw from all courses for a current semester/session/term may withdraw with no academic penalty with a non-punitive grade of "W" until the last day to withdraw (posted in the Schedule of Classes and on appropriate web pages). Tuition and fees will be charged during this period.

Students may **NOT** withdraw via Self-Service. An official withdrawal form must be completed and processed before the student's withdrawal is considered final.

Students may **NOT** withdraw after the withdrawal deadline. Any student who fails to withdraw by the deadline will be assigned a grade. **Check with the Financial Aid Department to determine how financial aid is calculated prior to withdrawing.** Extenuating circumstances such as military deployments must be documented before an exception can be considered.

Changing Program of Study

If a student decides to change his/her declared program of study, the student must be in good academic standing or eligible for readmission and meet the entrance requirements for the new degree program in effect at the time of admission to the new program. The student must submit a completed Graduate Change of Academic Program Application (no fee required) to the Graduate Admissions office at his/her home campus. Graduate Change of Academic Program Applications are available at campus Admissions offices and online. Final approval to change programs will be granted by the appropriate academic dean consistent with change of program procedures established by that college.

Courses previously credited to the former program will be evaluated for acceptability for the new degree program through the process of Petition for Transfer of Graduate Credit evaluation. Petition for Transfer of Graduate Credit forms are available from any graduate program office or online. Grades below a "B" will not be considered for transfer, and any loss of credit will be reported to the student and the Financial Aid Office, if applicable. All grades from work attempted in the first graduate program will contribute to the cumulative grade point average unless the credit is older than eight years. All graduate programs require a cumulative grade point average of a 3.0.

NOTE: *Students using VA benefits should be aware that the VA may not pay for courses taken in a second program unless the VA has been notified of the degree program change. (See the VA certifying official for further details.)*

Class Cancellation

The institution reserves the right to cancel any course for which there is insufficient enrollment.

Inclement Weather and Emergency Situations

Both faculty and students are responsible for meeting all assigned classes. In the event of inclement weather, faculty and students will be expected to attend classes as usual as long as they may do so without risking peril to themselves or to others. During periods of inclement weather, faculty and students will not be penalized for absences dictated by perilous conditions. In severe cases of inclement weather or other emergency conditions, the Office of the Senior Vice Chancellor for Academic Affairs or designee will

announce cancellation of classes through the local and regional media as well as through the University's websites.

Correspondence Credit

Credit earned through correspondence will not be acceptable for graduate work. A correspondence course is defined as a complete pre-packaged course designed to be delivered through sequential steps at the student's own pace without instructor or student interaction.

Course Numbers

- Courses numbered "9950" to "9999" are for workshops or continuing education credit.
- Courses numbered "8800" to "8899" are open to students in the doctoral program.
- Courses numbered "7700" to "7799" are open only to students who have received their master's degree.
- Courses numbered "6600" to "6699" are open to qualified graduate students or to students who have already received their master's degree.
- Courses numbered "5500" to "5599" are open only to graduate students and graduating seniors. Seniors must have the approval of the instructor of the course and meet unconditional graduate admission criteria. Courses numbered "5500" to "5599" in business, English, history, and mathematics are open only to graduate or post-graduate students. A student may not enroll in a course numbered "5500" to "5599" if it duplicates the same course listed on an undergraduate transcript.
- For the master's degree, 50% of the total graduate program must be earned in "6000" level courses. In the Education Specialist program, 50% of the total graduate program must be earned in "7000" level courses.

Credit Hour

Definition of a Credit Hour Equivalency:

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks (does not include final exam time) for one semester or the equivalent amount of work over a different amount of time; or
2. 50 minutes of classroom instruction plus additional out-of-class work (the general expectation is two hours) for fifteen weeks; or
3. A minimum of 2,250 minutes per three semester hour course of instruction, which does not include final exam time; or
4. An amount of work represented in intended learning outcomes that are at least an equivalent amount of work as required in items 1-3 above of this definition for other academic activities including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

Degree Semester Hour Requirements

The minimum number of semester hours required for graduate programs varies. Additional coursework may be required for a student with academic deficiencies and/or a limited background and experience. Additional degree requirements will be determined by the student's adviser or advisory committee with the concurrence of the dean of the appropriate academic discipline. This process may result in additional semester hours in excess of the minimum number of published degree requirements.

Directed Studies, Specialized Studies, Readings, Advanced Readings, Selected Topics, Course Restrictions

Students may not exceed a total of six semester hours taken in any combination of Directed Studies, Specialized Studies, Readings, Advanced Readings, or Selected Topics course credits. Consult individual programs for restrictions.

Global Campus

The Senior Vice Chancellor for Academic Affairs is charged with the administrative oversight of Global Campus, which is responsible for the delivery of educational programs outside the state of Alabama and abroad as well as online through Troy Online. Global Campus is designed to meet the needs of non-traditional learners, who generally have educational needs that are different from those supported by traditional colleges and universities. Courses and degrees are delivered at times and in formats to fit the needs of adult learners who have full-time employment, work shifts or are prone to short-notice moves.

Troy University has a long history of service to the United States military. Working in cooperation with base educational services personnel who provide local program support, Global Campus delivers educational programs on many military bases, typically in classroom space provided by the military.

Global Campus academic offerings and programs are under the purview of the various departments and colleges of the University. Troy University faculty and administrative oversight functions include, but are not limited to, academic oversight and control; monitoring of institutional effectiveness; faculty selection, certification, evaluation and faculty status determination.

Student services are provided from the Troy campus and include, but are not limited to, admissions and maintenance of official academic records.

All of the degree programs offered at Global Campus sites are approved programs in the Graduate Catalog; however, not all degree programs are offered at every location.

Troy Online

Troy University's Troy Online was established as a comprehensive educational unit of Troy University's Global Campus to allow and provide any student, regardless of location, the opportunity to earn a Troy University degree online. Since its inception, Troy Online has expanded to include different programs and methodologies to reach local students, working adults, and the military. Troy Online offers students the opportunity to obtain both undergraduate and graduate courses and degree programs online. The online courses integrate textbooks with online materials, graphics, audio and video, and facilitate faculty and student interactions. Specialized software is utilized. For more information on graduate programs offered via this format, visit <https://www.troy.edu/online/index.html#programs>.

Student Services

The Senior Vice Chancellor for Academic Affairs is charged with the administrative oversight of Global Campus, which is responsible for student services. These services meet the needs of students at each location and include orientation, counseling, financial aid, transcript service, graduation ceremonies, learning support,

career services, as well as other services and activities, such as library support and alumni organizations.

Tuition and Fees

Each educational site provides its own schedule of tuition and fees for students and procedures for payment and refunds.

Registration

Registration dates and in-class offerings may be found at each Global Campus site's website. Registration dates and online course offerings may be found at <https://www.troy.edu/academics/academic-resources/schedule-of-classes.html>.

Students may register for in-class and online courses through Student Planning in Self-Service at <http://splash.troy.edu/go-to/self-service/>.

State Authorizations

Information on state authorizations is located at <https://www.troy.edu/about-us/fast-facts/state-authorization.html>.

Grade Appeals

Faculty members have the authority to grade student work and to assign grades; these are academic judgments. A faculty member's syllabus enumerates student academic performance expectations and consequences. Faculty members render academic judgments when a student's academic performance violates established standards or fails to meet stated expectations. Academic judgments made by faculty are based on academic content, course requirements, and student performance. Students may not appeal grades based on allegations concerning the competence of a faculty member, the fairness of examinations, the difficulty of a course, or other matters of a purely academic nature. Grades for individual assignments and exams may not be appealed. While it is recognized that faculty hold the right and responsibility to grant a grade, a student who receives a course grade that he or she believes to be unwarranted for reasons other than those listed above may appeal that grade using these stated procedures.

Step 1. Within the first four weeks of the start of the following term or semester in which the grade is received, the student shall have informally appealed the grade to the instructor. If that instructor is not teaching at Troy University during the term following issuance of the grade, the student will make contact with the instructor through the department chair to informally appeal the grade.

Step 2. If the issue is not resolved at this informal level and the student wishes to pursue the appeal, the student shall request in writing a meeting with the respective department chair. This request shall be addressed to the department chair and shall be received no later than the end of the fifth week of instruction for the term or semester following issuance of the grade. The request must summarize the student's complaint and the student's informal appeal to the instructor.

Step 3. Within two weeks of receipt of the request, the department chair shall discuss the appeal with the student and with the instructor, separately or at the same time. ***If the department chair upholds the decision, the matter is closed. Decision is final.***

Step 4. If the department chair does not support the decision of the instructor, the matter shall be appealed within two weeks of the department chair's decision to the designated associate dean or dean of the college. The department chair will forward the appeal package to the designated associate dean or dean. The designated associate dean or dean will empanel three full-time faculty colleagues from the

department and/or discipline to review the matter. ***The decision of this panel shall be final and binding on all parties.*** **NOTE:** Students may not use this procedure to appeal grades resulting from violations of academic honesty. Students should refer to the Oracle, the University's official student handbook, for these appeals.

Grade Point Average (GPA)

The grade point average is computed by dividing the number of credit hours attempted into the total number of grade points earned.

Incomplete Grades

This incomplete grade policy replaces all other incomplete grade policies as of August 9, 2012.

If a student is unable to complete all course grading requirements, the student may be eligible to request the assignment of an incomplete grade. An incomplete grade is not automatically assigned by the instructor, but must be requested by the student and approved by the instructor. The decision to approve or reject a student's request for an incomplete grade is at the discretion of the instructor using the following criteria:

- Students submits a completed "Incomplete Grade Request" from prior to assignment of a course grade.
- Student's progress in the course is deemed satisfactory.
- Student is passing the course when the request is made.
- The circumstances that prevented the student's completion of course requirements are beyond the student's control, and adequate documentation is provided.

A student may request an incomplete by completing and submitting to the instructor an "Incomplete Grade Request" form. This form can be found at <https://www.troy.edu/academics/colleges-schools/graduate-school/forms.html>. An incomplete grade will not be assigned until the student receives from the instructor the approved request form, which outlines the work to be completed, the grading weight of the assignment(s), and a deadline for when all required work must be received. It is the student's responsibility to follow up with the instructor on the status of their request for an incomplete grade and become informed of all work required and deadlines.

Time Limit for Removal of Incomplete Grades

Any student who receives an "I" must adhere to the deadlines set by the instructor for when required assignments must be received. The instructor deadline must not exceed 9 weeks from the date of the end of the semester that the "I" was awarded. All instructor set deadlines apply whether or not the student enrolls for the semester or term following the assignment of the incomplete grade. Work received on or before the instructor set deadlines will be graded and computed into the final course grade. The instructor will submit a "Change of Grade" form to the registrar on or before the last day to remove an Incomplete from the previous term or semester published in the University's master calendar. Student assignments not received by the instructor's deadlines will not be graded, and a "Change of Grade" form will not be submitted. If a "Change of Grade" form is not submitted by the appropriate time, the "I" will automatically be converted to an "FI". An "FI" is calculated as an "F" when determining grade point average.

Grading System

	Description	Credit	Grade points per hour
A	Excellent	Yes	4
B	Above Average	Yes	3
C	Average	Yes	2
D	Below Average	Yes	1
F	Failure	No	0
AU	Audit	No	0
DR	Dropped course	No	0
FA	Failure to attend any class (calculates as an F in the GPA)	No	0
I	Incomplete	No	0
IP	Thesis or Clinical Research in Progress	No	0
FI	Course requirements not completed by the end of time limit for course assigned an Incomplete or In-Progress (Calculates as an F in GPA)	No	0
NG	No grade reported by faculty at end of term (assigned by Registrar)	Yes	0
P	Pass	Yes	0
W	Withdrawal	No	0

Note 1: Some grades, in addition to the F, calculate as an F in the grade point average.

Note 2: If the student makes a "D" or "F" in a core course, the course must be retaken.

Note 3: If the student makes a "D" or "F" in an elective course, the course must be retaken or another elective taken in its place.

IP (In-Progress) Grades

Students who show satisfactory progress in one of the following courses, but are unable to complete requirements in one semester, may be issued IP grades. No other courses are eligible to award the grade of IP.

IP grades may be issued only for the following courses:

- Thesis Research (Not Research Methods Courses)
- Practicum
- Internship
- Thesis
- Personal Supervisor and/or Curriculum Development
- Field Problem

Time Limit for Removal of In-Progress (IP) Grade

IP grades must be removed within one calendar year from the date at which the IP was assigned. An IP grade that is not removed during the stated time limit will automatically become a grade of "FI."

Program Completion Requirements

Grade Point Average

Students must have a 3.0 grade point average (4.0 scale) for all

work attempted at the time of degree completion. Credits over eight years old shall not be used in computing the final grade point average at the time of degree completion. In the case of courses that have been retaken due to grades of "C" or below, all grades will be counted as hours attempted in determining the overall grade point average.

Research Requirement

For Initial Master's Degree

All graduate programs require certification of the student's ability to do research in a specialization. This requirement is met by achieving a grade of "B" or better in an approved research course(s) in the student's program. Students must repeat the research course if a grade of "C" or below is attained.

For Second Master's Degree

If the research requirement was completed for the first master's degree, students are exempt from this requirement in the second master's degree. Students exercising this exemption must complete an additional elective course in their program, or obtain approved transfer credit to achieve the minimum required credits for graduation.

Comprehensive Examinations

Students admitted to a graduate program requiring a comprehensive examination must pass the required comprehensive examination, written and/or oral, covering the work taken in the major field. All students must register in advance for comprehensive examinations in their academic departments. Students should consult with their advisors regarding procedures for scheduling and taking comprehensive examinations. This examination is usually taken during the last semester/term prior to graduation.

The passing of the comprehensive exams is not to be considered a waiver of any other requirement for any program. Students who have unsuccessfully attempted the comprehensive exam may not change their program of study. Should students fail the comprehensive exam, they must successfully retake the exam within one year of the date originally taken.

Thesis, Synthesis Project, or Dissertation

A thesis, synthesis project, or dissertation is frequently the culmination of graduate education at Troy University. These require a commitment of one or more years. While faculty assist in the direction, the graduate student is responsible for the development, research, writing, and completion of the thesis, synthesis project, or dissertation. Graduate students should consult with their program director and faculty adviser about thesis, synthesis project, or dissertation availability and suitability.

The Troy University Thesis Guidelines provide students with essential requirements concerning thesis preparation, completion, and submission. Individual departments, schools, and colleges may impose additional requirements or may specify requirements in greater detail. The graduate student has a responsibility to learn what, if any, special departmental/school/college requirements may apply. The thesis should be prepared in accordance with the instructions of the Troy University Thesis Guidelines and department, school, or college special requirements.

The Troy University Synthesis Project Guidelines provide students

with essential requirements concerning the preparation, completion, and submission of the project. The project should be prepared in accordance with the instructions of the Troy University DNP-Synthesis Project Guidelines and department, school or college special requirements.

The Troy University Dissertation Guidelines provide students with essential requirements concerning the dissertation preparation, completion, and submission. Individual departments, schools, and colleges may impose additional requirements or may specify requirements in greater detail. The graduate student has a responsibility to learn what, if any, special departmental/ school/college requirements may apply. The dissertation should be prepared in accordance with the instructions of the Troy University Dissertation Guidelines and department, school, or college special requirements. Once a student has met all graduate school and departmental requirements for their dissertation, they can follow the submission and upload procedures located on the library web page. All other guidelines can be located at www.troy.edu.

Continuous Enrollment

Students must be enrolled in at least one semester hour of thesis the semester or term in which they defend their thesis synthesis project or dissertation.

Graduation Application Procedure

Candidates for a graduate degree must indicate their intentions to complete the requirements for graduation by filing a "Graduation Application" at the beginning of the term/semester prior to the term/semester of graduation through Self-Service. Since this application is used to check completion of requirements, order diplomas, and enter students in the commencement program, it must be filed in accordance with the published deadlines. Students failing to submit the Graduation Application by the published date will graduate in the next semester/graduation term. Candidates must use the application located under Graduation Overview in Self-Service located at <https://splash.troy.edu/go-to/selfservice>. A graduation fee is charged upon submission of the graduation application.

Graduation Ceremony

Attendance at commencement is not required for degree conferral; however, all candidates are urged to attend. Students will attend the graduation ceremony immediately following their program completion. Students may select which graduation ceremony to attend based on their preferred location. The students will be provided with a link to the graduation ceremony selection when the student files a "Graduation Application."

Time Limit to Complete Master's and Ph.D. Degree Programs

All credits used to satisfy Master's or Ph.D. degree requirements may not exceed eight years at the time of degree completion. For students completing the Master of Science in Nursing, all credits used to satisfy degree requirements may not exceed five years at the time of degree completion.

A student not enrolled with Troy University for two years or more must meet all degree requirements current at the time of readmission.

Time Limit to Complete DNP Degree Program

For students completing the Doctor of Nursing Practice- Post

BSN program, all credits used to satisfy Doctoral degree requirements may not exceed eight years at the time of degree completion.

For students completing the Doctor of Nursing Practice—Post Master's program, all credits used to satisfy degree requirements may not exceed five years at the time of degree completion.

A student not enrolled with Troy University for two years or more must meet all degree requirements current at the time of readmission.

Readmission Procedures

Readmission to Graduate School after Academic Suspension

Graduate students may petition for readmission to the Graduate School only twice. In order to be eligible to petition for readmission, a student must have been out of school for at least one calendar year. Students may submit petitions for readmission two months prior to the eligible readmission date. Students who have been academically suspended must follow the procedures outlined below:

1. A student must petition the Dean of the Graduate School in writing and cite the particulars of his/her case. The petition packet should include:
 - a. A letter describing the circumstances that led to academic suspension and give evidence of probable success before being considered for readmission.
 - b. Copy of the student's transcript;
 - c. Appropriate letters of support from faculty;
 - d. Documentation of circumstances which led to suspension;
 - e. Readmission Application.

NOTE: *Student petitions for readmission must be documented, circumstances verified by the appropriate academic official at each location before the Dean of the Graduate School will present the petition to the respective Academic Dean(s).*

2. The Dean of the Graduate School, in turn, will submit the petition and supporting documentation, e.g., transcripts, updated Application for Admission, letter of petition, letters of support, etc., to the appropriate departmental faculty committee through the office of the dean of the discipline in which the student requests readmission.
3. The departmental committee will review the case and make a recommendation for approval or disapproval to the dean of the discipline.
4. The dean of the discipline has the authority to accept or reject the recommendation of the department. If the dean of the discipline accepts a favorable recommendation from the departmental committee, he or she must forward it along with his/her endorsement to the Dean of the Graduate School and the Chair of the Graduate Council for their concurrence.
5. If the student's petition is rejected by the dean of the discipline (in 4 above), the student is notified in writing by the dean of the discipline, with copies placed in the student's permanent record.
6. If the Dean of Graduate School and Chair of Graduate Council accept the recommendation of the dean of the discipline (in 4 above), the student is notified by the Dean of the Graduate School in writing of the decision and informed of any conditions that were placed on his/her readmission. If admitted, it will be on a conditional basis only. The decision of the Dean of Graduate School and Chair of Graduate Council is final.
7. If the Dean of the Graduate School or Chair of the Graduate Council rejects the recommendation of the dean of the discipline; the request is referred to the Graduate Council as a

final appeal. The decision of the Graduate Council is final.

8. Students who have been suspended or dropped from other universities' programs for academic reasons must follow the procedures noted below:
 - a. The processes of # 1-7 above must be followed. All transcripts from all universities must be submitted as part of this process.
 - b. A student will be eligible for readmission 12 months from the beginning of the suspension period.
 - c. Troy University will accept transfer credit only from universities where students are in good academic standing. The acceptance of any transfer credit is at the discretion of Troy University.

Readmission to a Graduate School Program by a Student in Good Standing

A student who is not enrolled in courses for **up to two years** must contact the Student Services Office. These students are allowed to remain in the program for which they originally enrolled. A student not enrolled with Troy University for **two or more years** must meet all degree requirements current at the time of readmission and complete a Readmission to Graduate School Application. All students who have attended another institution of higher learning since last attending Troy University must submit a Graduate School Application and provide official transcript(s) from that institution before re-enrolling.

Registration

Students must be registered for all classes prior to attendance in these classes. If a student's name does not appear on a class roster, he/she may not sit in or otherwise attend the course. Students should register during designated registration times. Once students have registered for a course or courses, they incur a financial commitment which must be met. Students can pay their tuition online by accessing Self-Service.

Students who fail to attend a class without following drop/ withdrawal policies will receive a grade of FA, and those students will still be charged full tuition and fees. Students with an outstanding balance will not be permitted to register for future terms.

Repeating Courses

Students may repeat a course in which they received a grade of "D," "F," or "W." Students who received a grade of "C" or below in the required research course or courses requiring a grade of "B" or better must repeat the course and attain a "B" or higher grade to satisfy the coursework requirements in their program of study. Both grades will be counted as hours attempted in determining the overall grade point average. See degree program for additional minimum course grade requirements.

Residency Requirements

See specific program for details.

Resident Credit Calculation

Residency, the number of Troy University credit hours earned, must be established to be eligible for a Troy University graduate degree. Resident credit for a program is determined by deducting the non-Troy University transfer/transient credit hours allowed in the program from the total hours required for the program. Residency requirements vary by degree program. See specific programs for minimum residency requirements. *See the appropriate degree program for specific transfer credit requirements.*

Semester Hour Load Limits

Definitions:

- A "semester" is defined for hour load limit purposes as 16 weeks of class meetings.
- A "term" is defined for hour load limit purposes as up to a nine week period of class meetings.
- A "session" is defined for hour limit purposes as up to nine weeks of class meetings within a semester.
- A "full-time" graduate student for admission status purposes is a student taking eight or nine semester hours per semester or six semester hours per term, or eight to nine semester hours in a combination of semesters, terms, and/or sessions over a sixteen-week period.
- A part-time student is defined as a graduate student taking less than a "full-time" load.

Warning: Students who register for coursework in excess of the approved load without prior approval and violate the University's policy regarding course load will be required to drop the overload or lose the excess credit.

Load Limit for Students with Temporary Admission Status

Students with a temporary admission status are limited to a maximum of nine semester hours per semester or six semester hours per term, or a combination thereof not to exceed nine semester hours over a sixteen-week period.

Load Limit for Students with Conditional Admission Status

Students admitted conditionally may take a maximum of nine semester hours per semester or six semester hours per term or a combination thereof not to exceed nine semester hours over a sixteen-week period until the "conditions for admission" are removed.

Load Limit for Students with Unconditional Admission Status

The maximum load for unconditionally admitted graduate students is twelve semester hours per semester, or six semester hours per term, or a combination thereof not to exceed twelve semester hours over a sixteen-week period. With the written approval of the student's academic adviser, the maximum load may be increased to 16 semester hours for unconditionally admitted students. Students who schedule an overload may not reschedule an overload in the subsequent term unless they maintain an overall grade point average of a 3.0 on a 4.0 scale during the term in which the overload was scheduled.

For Graduate Assistants

Graduate Assistants are restricted to a minimum of six semester hours or a maximum of nine semester hours per semester.

Transfer Credit

Transfer credit is defined as college credit that was earned at another regionally accredited or equivalent foreign institution and is transferable and accepted for credit toward a degree program at Troy University. Transfer credit includes any work previously earned at Troy University as part of a degree program other than the one in which the student is currently enrolled.

No grade earned in a transfer credit course is included in the calcu-

lation of the “institutional” grade point average (Graduating GPA), to include all prior master’s degrees.

Academic credit and/or degrees accepted for transfer to Troy University must be earned at regionally accredited U.S. universities or at foreign universities whose academic credit and/or degrees have been evaluated and determined by appropriately prepared faculty to be equivalent to that awarded by a U.S. institution. All transfer credit is evaluated in terms of level, content, quality, comparability, and degree program relevance.

Transfer Credit from a Previous U.S. Graduate Degree

Courses taken at the graduate level that contributed to the completion of a prior U.S. graduate degree program may be applicable for credit in the new program based on review by the dean of the program. A limit of 12 semester hours of credit earned from any previous graduate degree may be applied to the requirement for a second master’s degree. Up to 12 semester hours of credit earned from a prior graduate degree may be applied to the DNP. Transfer credits are subject to departmental approval and time limitations. All credits used to satisfy the second master’s degree must be less than eight years old at the time of degree completion. A Petition for Transfer of Graduate Credit form must be completed and approved. See TRANSFER CREDIT FROM A REGIONALLY ACCREDITED INSTITUTION section for specific requirements for the evaluation of transfer credit. Petition for Transfer of Graduate Credit forms are available at www.troy.edu/academics/colleges-schools/graduate-school/forms.html.

NOTE: Refer to TIME LIMITS TO COMPLETE GRADUATE DEGREE PROGRAMS and TIME LIMITS TO COMPLETE GRADUATE NURSING DEGREE PROGRAMS for more information on limitations of transfer credits.

Transfer Credit from Regionally Accredited Universities

No credit may be transferred to a Troy University graduate program until a student is unconditionally admitted. Conditional and temporarily admitted students must be unconditionally admitted prior to transfer credit acceptance. The maximum number of graduate credit hours transferred into a graduate program will not exceed 12 semester hours. Please consult specific degree programs to determine allowable transfer credit hours.

1. A grade of “B” or higher must have been earned in each course. Transfer credit will not be used to determine the Troy University grade point average. A copy of the course syllabus may be required.
2. Sixth-year degree program students must refer to the specific discipline section of the Graduate Catalog for further requirements.
3. To be acceptable as transfer credit, all hours must have been earned within eight years of the date of degree completion of the graduate program at Troy University. Credit accepted as transfer credit, which becomes over eight years old (graduate nursing students refer to the appropriate program section) before the graduate degree requirements are completed, will become invalid and will not be counted toward graduate degree requirements.
4. Where Troy University is replacing another university under Department of Defense contracts, students will be permitted to transfer up to 18 semester hours of Troy University equivalent coursework. This rule applies for one calendar year from the

start of the Troy University program and is only for students who have been in attendance at that site.

Documents Required for Evaluation of Transfer Credit:

1. A completed Petition for Transfer of Graduate Credit form.
2. A copy of the official transcript showing the course(s) taken.
3. A course description taken from the college catalog where the course was taken.
4. Evidence that the course was taken for graduate credit or would have been accepted as graduate credit if not indicated on the transcript.
5. Course substitutions may be considered, as applicable.
6. A copy of the course syllabus may be required. Officially accepted transferred graduate coursework will be posted on the official Troy University transcript.

Transfer Credit from Unaccredited or Otherwise Accredited Universities

Some degree programs prohibit the acceptance of transfer credit from unaccredited or otherwise accredited universities. If a student meets unconditional graduate admission standards and has earned graduate level credit at an unaccredited or otherwise accredited institution of higher learning, the student may petition for transfer credit. Petitions for transfer credit must be submitted immediately upon admission. Credits will not be accepted until the student has completed nine semester hours and has maintained a 3.0 grade point average necessary for good standing. Credits will be evaluated and approved by the dean of the discipline and the Graduate Council, if needed. All requests must meet the stated conditions specified in the Transfer Credit from Regionally Accredited Universities section above. A determination will be made based on (1) the unaccredited or otherwise accredited institution’s affiliation with the following agencies which honor recognition provided by the former: Council on Post-secondary Accreditation (COPA) and the Council for Higher Education Accreditation (CHEA); (2) acceptance of credit by three other regionally accredited universities located in the area of the unaccredited institution; (3) review and approval of the Graduate Council.

NOTE: A Petition for Transfer of Graduate Credit request form must be completed, with the request annotated across the top of the form, that the institution is non-regionally accredited. A copy of the official transcript, course descriptions, syllabus, and faculty credentials, if available, should be attached. All information submitted by the student must be verified by the appropriate academic official at each location, and a letter recommending support or non-support must accompany the request before the dean of the college will have the petition reviewed.

Transfer Credit from Foreign Universities

Students seeking transfer of credits from a foreign university must submit a Petition for Transfer of Graduate Credit form and an official credit evaluation to the Troy University International Admissions Office, as discussed below. Petition for Transfer of Graduate Credit forms are available at www.troy.edu/academics/colleges-schools/graduate-school/forms.html.

Students may use one of two methods for an official credit evaluation:

1. Present to the Troy University Admissions Office original transcripts, including an English translation and university-prepared course descriptions for courses the student desires to transfer. Using established university protocols, the Interna-

tional Admissions Office will determine if the foreign university is considered equivalent to a U.S. regionally accredited university and authenticate all submitted documents. When appropriate, the International Admissions Office will translate the credit value of each course(s) being petitioned for transfer into U.S. equivalents.

2. Request an official evaluation from ECE by submitting transcripts and course descriptions. The official evaluation, along with the original transcripts, must be presented to the Troy University International Admissions Office.

A Petition for Transfer of Graduate Credits form and a letter from the International Admissions Office will be forwarded to the appropriately qualified faculty for review, evaluation, and determination of the acceptability for transfer of each course. Petition packets are returned to the International Admissions for inclusion in the student's file. If the faculty have deemed the course equivalent to a Troy University course applicable to the student's degree program, the International Admissions office will verify that the grade earned is equivalent to the Troy University grade of "B" or better before an approval for transfer is granted. The International Admissions Office will notify the student of the approval or denial of the petitioned course(s) for transfer.

No credit may be transferred to a Troy University graduate program until a student is unconditionally admitted and has completed a minimum of nine semester hours with the university. The maximum number of graduate credit hours transferred into a graduate program will not exceed 12 semester hours. Please consult specific degree programs to determine allowable transfer credit hours.

A grade of "B" or higher must have been earned in each course. Transfer credit will not be used to determine the Troy University grade point average. A copy of the course syllabus may be required. To be acceptable as transfer credit, all hours must have been earned within eight years of the date of degree completion of the graduate program at Troy University. Credit accepted as transfer credit, which becomes over eight years old (graduate nursing courses may not exceed five years) before the graduate degree requirements are completed, will become invalid and will not be counted toward graduate degree requirements.

Transfer Credit for the Ph.D. in Sport Management Degree

The Ph.D. degree in Sport Management at Troy University requires a minimum of 90 credits beyond a baccalaureate degree. In order to satisfy the 90 credits past a baccalaureate degree, no more than 30 credits of a Master's or Juris Doctorate (J.D.) degree from another regionally accredited institution of higher education will be recognized. As such, the student must complete a minimum of 60 credit hours in the Sport Management doctoral program at Troy University.

Conditions for Transfer Credit from another Sport Management doctoral program:

1. Students must complete the admissions application packet as described previously
2. A maximum of 16 credits from another Sport Management doctoral program will be allowed to transfer to the Troy University Sport Management Sport doctoral program
3. All transfer courses must be comparable to Troy University's graduate courses and must be approved by the admissions committee

Professional Military Education Credit (PME)

Troy University awards transfer credit for specific Professional Military Education (PME) courses completed at select military service schools for which credit is recommended by the American Council on Education and approved by the dean of the appropriate College. The maximum number of credit hours transferred into a graduate program, to include PME credit, will not exceed 12 semester hours. Please consult your adviser for individual program acceptance. No credit may be granted for work that will be over eight years old at the time of graduation from the Troy University program for which transfer credit was requested. No waivers will be permitted.

Transient Credit

Under no circumstances may a student be enrolled in another institution while enrolled at Troy University without prior transient authorization. Students who have been granted unconditional admission to the Graduate School, and who are in good standing may petition to take pre-approved graduate level courses at another regionally accredited or equivalent foreign graduate school. Transient credit does not count toward Troy University residence credit or one's Troy University grade point average (GPA). See specific program restrictions for transient credit. The maximum number of credit hours transferred into a graduate program, to include transient credit, will not exceed 12 semester hours.

Pre-approval to enroll in such courses must be obtained from the appropriate dean of the degree-granting college prior to enrollment in the course. A grade of "B" or higher must be earned in each transient course. Military senior service school credits, if appropriate for the degree, may be accepted as transient credit upon approval. The combined total of transfer and transient credits may not exceed 12 semester hours.

Transcript Requests

Requests for transcripts must be submitted in writing or by a signed fax as required by the Family Educational Rights and Privacy Act of 1974 (FERPA). Email requests cannot be accepted at this time. A transcript request form may be printed from the Troy University website at <https://www.troy.edu/academics/academic-resources/records-office/transcripts.html>.

All transcript orders will be charged a \$10.00 fee. The following information must be provided in all transcript requests:

1. Full name
2. Social security number or Troy University student ID number
3. Dates of attendance
4. Location of attendance
5. Address where the transcript(s) is to be sent
6. The number of transcripts requested

An official transcript is one that bears the official university raised seal with the Registrar's signature on security paper and is issued by the Registrar's Office and sent directly to another institution. It reflects all transferred credit accepted, non-traditional credit accepted, and credit courses taken at Troy University. To receive a consolidated official transcript, a student must

1. Receive an admission status other than "temporary,"
2. Clear all outstanding financial obligations to Troy University,
3. Prepare a Transcript Request Form at any Troy University office and pay the appropriate fee.

NOTE: Official copies are mailed from one institution to another. Student copies mailed or released to the student will be stamped

"Issued to Student."

Financial Information

Tuition and Fees

Alabama Campuses

Consult the <https://www.troy.edu/online/index.html#affordability>

Troy Online Course Rates

Consult the <https://www.troy.edu/scholarships-costs-aid/costs/tuition-fees/troy-online-tuition-fees.html> website for current tuition and fees. For more information concerning online graduate programs, please contact Troy Online at 1-800-414-5756 or consult the website at <https://www.troy.edu/online/index.html>.

Global Campus Course Rates

Tuition and fees vary according to campus site and are subject to change without notice.

Clearance of Obligations

All financial or other obligations to the University must be cleared prior to the end of each semester or term. An outstanding balance for a prior semester or term must be paid before the student will be allowed to register for subsequent semesters or terms. Transcripts may not be issued if financial obligations have not been satisfied. Failure to meet financial obligations to the University could subject the student to additional late payment charges, as well as collection costs.

Financial Aid

Graduate students at Troy University may receive limited financial aid. Transient students are not eligible for financial aid through Troy University.

Students may apply for a Federal Direct Unsubsidized Stafford Loan for a maximum of \$20,500 per academic year; the total combination of all funds received, regardless of the source, cannot exceed the total cost of education.

Students must be enrolled at least half-time to be eligible to receive a student loan.

Graduate Course Loads

	Semester Hours	Accelerated SH (Terms only)
Full Time	8-9	6
3/4 Time	7	4-5
Half Time	4-6	3
< Half-Time	1-3	1-2

All forms and contact information required to apply for graduate student financial aid are available in the financial aid section of the University website.

Students who, for any reason, register for classes but do not attend MUST NOTIFY THE RECORDS OFFICE IN WRITING TO WITHDRAW, PRIOR TO THE FIRST CLASS MEETING.

Any student who fails to do so will be responsible for payment of fees and will be charged with failing grades.

Transient Students and Financial Aid Availability

Transient students are not eligible for financial aid through Troy University.

Withdrawals for Students Receiving Title IV Aid

In addition to Troy University's withdrawal policy, if a student is a recipient of Title IV aid (Federal Direct Loans, for example) federal regulations administered through the U.S. Department of Education will apply. If a recipient of Title IV aid withdraws during the term, the university will calculate the amount of aid the student did not earn, and the unearned portion will be returned to the Title IV programs. The student is responsible for any charges which are unpaid as a result of the return of Title IV funds.

Generally speaking, a student earns Title IV aid based on the number of days completed during the term prior to withdrawal. Once 60% of the term has been completed, the student is considered to have earned 100% of the Title IV aid awarded.

A student who withdraws must complete the Exit Interview Form. (For any disbursed student loans, repayment begins six months after you are no longer a half-time student.)

VA Educational Benefits

The following is a summary of the educational assistance that the Department of Veterans Affairs offers to veterans, service members, and their dependents. More detailed information is available on our web site.

1. The Montgomery VA Educational Benefits (Chapter 30) assists students who entered active duty for the first time after July 1, 1985, and who agree to have their pay reduced \$100 for 12 months. Veterans must have been honorably discharged, and active-duty personnel must have served at least two years.
2. The Post 9/11 VA Educational Benefits (Chapter 33) assists students who have served at least 90 aggregate days on active duty after September 10, 2001, and are still on active duty or were honorably discharged from active duty; or released from active duty and placed on the retired list or temporary disability retired list; or released from active duty and transferred to the Fleet Reserve or Fleet Marine Corps Reserve; or released from active duty for further service in a reserve component of the Armed Forces. Students may also be eligible if honorably discharged from active duty for a service connected disability if they have served 30 continuous days after September 10, 2001.
3. The Montgomery VA Educational Benefits – Selected Reserve Education Assistance Program (Chapter 1606) assists students who have a six-year obligation in the Selected Reserves. Students who are officers must agree to serve six years in addition to current obligation, complete initial active duty for training, serve in a drilling Selected Reserve unit, and remain in good standing.
4. The Veterans Educational Assistance Program – VEAP (Chapter 32) assists students who enlisted in the military after December 31, 1976, and before July 1, 1985, who contributed money to the educational fund.
5. Vocational Rehabilitation (Chapter 31) provides assistance to veterans who have a service-connected disability and need vocational rehabilitation because his/her disability creates an employment handicap.
6. The Dependents' Educational Assistance Program (Chapter 35) provides education and training opportunities to eligible dependents and survivors of certain veterans who either died of, or are permanently and totally disabled as the result of, a service-connected disability. The disability must arise out of active service in the Armed Forces.

VA Pending Payment Compliance

In accordance with Title 38 US Code § 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 VA Educational Benefits (Ch. 33) or Vocational Rehabilitation & Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students will be required to:

- Provide the enrolling institution with a copy of his/her VA Certification of Eligibility (COE)
- A "certificate of eligibility" can be include a "Statement of Benefits" obtained from the U.S. Department of Veterans Affairs' (VA) website; eBenefits; or a VAF 28-1905 form, for chapter 31 authorization purposes

Additional criteria to qualify for this provision are also required for such students and listed below: (please list actual criteria, OR write, 'No Other Requirements Other Than COE Submission'):

- No Other Requirements Other Than COE Submission.

Veterans In-State Status

- A Veteran using educational assistance under either Chapter 30 (Montgomery VA Educational Benefits – Active Duty Program) or Chapter 33 (Post-9/11 VA Educational Benefits), of title 38, United States Code, who lives in the state in which the institution is located (regardless of his/her formal state of residence) and enrolls in the institution within three years of discharge or release from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 VA Educational Benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal state of residence) and enrolls in the institution within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same institution. The person so described must have enrolled in the institution prior to the expiration of the three year period following discharge or release as described above and must be using educational benefits under either Chapter 30 or Chapter 33, of Title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the state in which the institution is located (regardless of his/her formal State of residence).
- Anyone using benefits under the Dependents Education Assistance (DEA) program (38 U.S.C. 3679©(2)(A)) chapter 35 who lives in

Alabama while attending a school located in Alabama (regardless of his/her formal State of residence).

- Anyone using transferred Post-9/11 VA Educational Benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- Anyone using educational assistance under chapter 31, Vocational Rehabilitation/Employment (VR&E), also be charged the resident rate. Effective for courses and terms beginning after March 1, 2019, a public institution of higher learning must charge the resident rate to Chapter 31 participants, as well as the other categories of individuals described above. When an institution charges these individuals more than the rate for resident students, VA is required to disapprove programs of education sponsored by VA.
- The policy shall be read to be amended as necessary to be compliant with the requirements of 38 U.S.C. 3679 as amended.

Application Procedures

Students who are eligible for educational benefits from the Department of Veterans Affairs should contact the Troy University VA specialist at their location to complete the necessary forms. After all of the necessary forms and documentation are submitted to the Troy University VA specialist, the student's enrollment information will be certified to the Department of Veterans Affairs. The Department of Veterans Affairs processes claims 8 to 12 weeks after receiving the completed paperwork. More detailed information is available on the VA section of the financial aid section of the website.

Payment Methods

The amount of money a student receives from the Department of Veterans Affairs depends on which education program the student is eligible for, how many hours of credit the student is registered for, the length of the term, and, for retirees, the number of dependents.

Graduate Assistantship/Fellowship Program

The objectives of the Graduate Assistantship/Fellowship program are to provide professional experiences which complement graduate instruction and research while contributing financial assistance to students pursuing graduate degrees. This assistantship/ fellowship program is designed to aid in the successful completion of the degree pursued and to enhance career opportunities through applied professional experiences.

The Graduate Assistantship/Fellowship Program is administered by the Dean of the Graduate School. Additional questions regarding this program should be directed to the Dean of the Graduate School. The Graduate Assistantship/Fellowship program is available only on campuses located in Alabama.

Eligibility

To qualify for a graduate assistant/fellow appointment, a student must satisfy the following general eligibility requirements. Additional eligibility requirements may exist according to teaching and/or research positions.

1. Must possess an undergraduate degree with an excellent academic record.
2. Must be admitted to a graduate program at Troy University. This

does not include temporary admission.

3. Must be pursuing a graduate degree in the field to which assigned or in a related field in which the student has substantial experience.
4. If applying for a Research or Teaching Assistantship or Fellowship, the student must be unconditionally admitted to a graduate program at Troy University.
5. Must be registered in the Graduate School for at least six graduate semester credit hours during a regular semester or at least six graduate semester credit hours for the summer term. An exception to this requirement may be made by the Dean of the Graduate School under the following conditions:
 - a. If a student is classified as a graduate student and is required to take undergraduate courses for the graduate degree, a minimum of three graduate hours; and six undergraduate hours must be taken to qualify for a graduate assistantship. This does not include undergraduate prerequisite courses required prior to being accepted into a graduate program. In addition, tuition assistance will not be paid for undergraduate courses.
 - b. If a student has made satisfactory progress toward obtaining the graduate degree and needs fewer than six graduate hours to complete the degree, the student may be considered for an assistantship.
6. When a tuition scholarship is included in the graduate assistantship, this award may impact on the student's eligibility for federal programs of financial assistance. Students are responsible for checking with the Office of Financial Aid.
7. International graduate students must be in compliance with all U.S. Citizenship and Immigration Services (USCIS) of the Department of Homeland Security (DHS) requirements.
8. If receiving the Graduate Assistant Tuition Scholarship, the student is not eligible for any other Troy University funded scholarship.
9. In order to qualify for the Graduate Assistant Tuition Scholarship, the student must be hired prior to the last day of free drop/add that term/semester.
10. PLEASE NOTE: All Graduate Assistants and Fellows will comply with all state policies and Standards of Conduct outlined by Troy University and the department in which they are working. Any student found in violation of University policy or not upholding these stated standards will immediately be removed from their position and made ineligible for future Graduate Assistantships and Fellowships.

Doctoral Teaching Assistantships

Students who are fully admitted to the Doctor of Philosophy in Sport Management program may apply for a doctoral teaching assistantship offered on the Troy, Alabama campus. Consult the Director of the Ph.D. in Sport Management program for more details.

Refund Policy

Receipt of Refunds

Each registered Troy University student will receive a Trojan OneCard. The Trojan OneCard will be mailed to the student using the address on file with the University. To receive any refunds from the University, a student must activate his or her Trojan OneCard. During card activation, the student will choose how to receive his or her refund money. Options available include having the refund:

- Electronic Deposit to Another Account (ACH Transfer) – Once funds are released by the University to BankMobile, it typically takes 1-2 business days for the receiving bank

to credit the money to your account.

- Electronic Deposit to a BankMobile Vibe Account – If you open a BankMobile Vibe account (upon identity verification), money is deposited the same business day BankMobile receives funds from the University.

Scholarships

Students seeking scholarship information should visit the Financial Assistance webpage.

Troy University Library

The Troy University Libraries hold a wide variety of resources in multiple formats, including print, multimedia (CD, DVD, video, audio cassettes, microfilm, and microfiche), as well as electronic linkages, both on the library network and on the Internet, to libraries and information sources worldwide. These resources allow the Library staff to ensure that students and faculty have access to the information they need to fulfill their educational and research goals. Students should contact their local Troy University office for additional library information.

The Library's networked system consists of the online public access catalog and numerous online bibliographic databases, many with full text journals. The Library's homepage is constantly developing to provide more sophisticated and user friendly access to resources in the library and around the world.

The Library faculty and staff are continually developing quality collections, facilities, and services to assist students and faculty in their educational journeys. The Library faculty and staff provide professional and technical assistance and instruct users in the best methods of utilizing the Library's resources. Through this instruction and assistance, students learn information literacy skills that will support lifelong learning and continuing education.

Housing—Troy Campus Only

Housing accommodations are available on-campus for students in residence halls at Troy University. Inquiries and applications should be submitted to the Director of University Housing.

University Apartments, located at the end of North Franklin Drive, consists of 48 air-conditioned one- and two-bedroom units operated by the University for married students. Since the demand for these units is considerable, interested couples should contact the Housing Office well in advance for reservation.

The University Housing Office endeavors to assist persons seeking apartments, rooms, or other off-campus housing in finding suitable accommodations. Students desiring assistance in securing off-campus accommodations should contact the Housing Office.

UNIVERSITY-WIDE REGULATIONS

Only a portion of the University-wide regulations are represented below. Please consult the Oracle, the University's official Student Handbook, online for the most current and complete version.

Standards of Conduct

By publication of these "Standards of Conduct," the university calls to the special attention of students and organizations the standards by which they are expected to abide. Students and organizations should be aware of the STANDARDS and should know they will be held accountable for their provisions.

General

All students enrolling in Troy University assume an obligation to conduct themselves at all times as responsible members of the campus community and in accordance with standards of common decency and decorum, with recognition and respect for the personal and property rights of others and the educational mission of the University.

Authority for Rules and Regulations

The Board of Trustees of Troy University is vested with the authority to promulgate rules and regulations regarding the conduct of students while enrolled at Troy University by Title 16-56-6, Code of Alabama, 1975. The University Trustees have delegated full authority to the University administration to prepare and administer rules and regulations for the welfare and discipline of its students.

Administrative Responsibility and Authority

The Student Affairs Division of the University has primary authority for the supervision of student conduct and administration of discipline. The Senior Vice Chancellor for Academic Affairs and staff are responsible for working with students and student organizations to encourage support and compliance with University standards. They delegate specific responsibilities to members of their respective staffs and, in some instances, to student government agencies. It is permissible for the Dean of Student Services to handle disciplinary decisions administratively if the student or student organization agrees to an administrative hearing. The Dean of Student Services is responsible for coordinating all disciplinary procedures and maintaining appropriate records of student conduct and disciplinary actions.

Misconduct Defined

By enrollment at the University, a student or organization neither relinquishes rights nor escapes responsibilities of local, state, or federal laws and regulations. The "STANDARDS OF CONDUCT" are applicable to behavior of students and organizations on and off the University campus if that behavior is deemed to be incompatible with the educational environment and mission of the university. A student or organization may be disciplined, up to and including suspension and expulsion, and is deemed in violation of the "STANDARDS OF CONDUCT," for the commission of or the attempt to commit any of the following offenses:

1. Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the University, faculty, or other officers or employees of the University.

2. Forgery, alteration, or misuse of university documents, records, or identification.
3. Issuance of a worthless check made payable to Troy University.
4. Actual or threatened physical abuse, threat of violence, intimidation, hazing, harassment, or any other act that endangers the health or safety of any person.
5. Any sexual conduct that takes place without the victim's consent, sexual harassment, or sexual misconduct.
6. Destruction, damage, or misuse of university property, public or private.
7. Theft, attempted theft, burglary, attempted burglary, accessory to these acts, and/or possession of stolen property.
8. Unauthorized manufacture, sale, delivery, use, or possession of any drug or drug paraphernalia defined as illegal under local, state, or federal law.
9. The unlawful possession, use, or distribution of alcoholic beverages, public drunkenness, driving under the influence, or the public display of alcoholic beverages and the use or display of such in public areas of the residence halls and all other public areas of the campus.
10. Participation in any form of gambling.
11. Use, possession, display, or distribution of any rifle, shotgun, handgun, or other lethal or dangerous device capable of launching a projectile by air, gas, explosion, or mechanical means (including BB guns, air-soft guns, and paintball guns). Only duly-constituted law enforcement officers may possess firearms on campus.
12. Use, possession, display, or distribution of any toy weapon which resembles a real weapon, any swords, any illegal knives, any explosives (including fireworks and sparklers), any martial arts weapons, or any devices which are used to threaten the safety and well-being of any person.
13. Disorderly conduct, including rioting, inciting to riot, assembling to riot, raiding, inciting to raid, and assembling to raid university properties.
14. Pervasive behavior or dress that is objectively offensive and detracts from the educational experience of other students.
15. Trespassing or unauthorized entry to or use of university facilities.
16. Unauthorized use or attempted use of any services belonging to or provided by the University, including but not limited to, computer, telephone, cable television, copying facilities, or any other such service.
17. Unauthorized possession of a key to any university facility.
18. Interference with the use of or access to university facilities, obstruction or disruption of teaching, research, administration, service, disciplinary procedures, or other activities on university property by either university or non-university person or groups.
19. Classroom disruption to include any classroom behavior that interferes with the instructor's ability to conduct class or the ability of other students to learn.
20. Failure to dress appropriately for academic exercises or campus events, including no footwear, pajamas, dirty clothes/ body offensive to others, and head coverings indoors unless considered to be a part of religious dress.
21. Failure to promptly comply with directions of university officials (faculty, staff, or student employees) or law enforcement officers acting in the performance of their duties as such officials and officers.
22. Participation in setting or causing to be set any unauthorized fire, entering false fire alarms, bomb threats, tampering with fire extinguishers, alarms, or other safety or fire-fighting equipment,

- failure to evacuate or immediately respond to a fire alarm.
23. Pervasive use of the mail, telephone, computers, and electronic media that undermines and detracts from the educational experience of other students and/or the ability of faculty or staff to meet their obligations to provide for students' educational experience.
 24. Conviction of any misdemeanor or felony that adversely affects the educational environment of the University.
 25. Violation of any university policies or regulations as published or referred to in the Student Handbook, including, but not limited to those governing the time, place, and manner of public expression; the registration of student organizations; the use of university facilities; occupation and visitation of residence halls and other housing owned or controlled by the university; and the use and parking of motor vehicles on the campus.
 26. Conduct in violation of public law, federal and state statutes, local ordinances, or university regulations or policies, whether or not specified in detail, that adversely affects the student's suitability as a member of the academic community and regardless of whether such conduct has resulted in a conviction under a statute of ordinance.
 27. Any other activity, conduct, or dress not specifically stated herein that impairs, endangers, or disrupts any person, property, social order, or the educational environment of the University.

Complaint Policy

Please consult the TROY Student Complaint Policy located at https://www.troy.edu/_assets/about-us/_documents/troy-student-complaint-policy-and-form.pdf and submit a completed form to the Graduate School, 231 Adams Administration Building, Troy, AL, 36082.

Veterans who wish to file a complaint: any complaint against the school should be routed through the VA Educational Benefits Feedback System by going to the following link: <https://www.benefits.va.gov/GIBILL/Feedback.asp>. The VA will then follow up through the appropriate channels to investigate the complaint and resolve it satisfactorily.

Disability Services: Policies and Procedures

Please consult the Oracle, the University's official Student Handbook, online at <https://www.troy.edu/student-life-resources/student-resources/oracle.html>, for the most current and complete policies and procedures related to disability services.

Harassment and Discrimination Policy

Please consult the Oracle, the University's official Student Handbook, online at <https://www.troy.edu/student-life-resources/student-resources/oracle.html>, for the most current and complete policy related to harassment and discrimination.

Religious Holiday Observance Policy

Troy University respects the religious diversity of our academic community and recognizes the importance of religious holy days and observances in the lives of our community members. TROY strives to be an inclusive community in all aspects of academic and campus life. Faculty members are expected to make reasonable efforts to accommodate the sincerely held religious practices and observances of students.

Guidelines: Guidelines pertaining to the observance of religious holidays are as follows:

1. TROY encourages all faculty, staff, and students to be cognizant of major religious and cultural observances when planning major campus events in order to be sensitive to potential conflict.
2. Guidelines relating to academic work (below) should be loaded into the online syllabus template. All faculty members are encouraged to include on the syllabus and to announce at the beginning of the semester/term the following:
 - Students should notify faculty in writing or via email during the first two weeks of the semester/term of their intention to be absent from class for religious observance.
 - Faculty should provide students who give the required notice of and are absent for observance of a religious holiday reasonable opportunity to complete academic responsibilities in the original or alternative form without penalty, unless doing so would interfere unreasonably with the academic integrity of the course.
 - If the student and the faculty member cannot agree on a requested accommodation for completion of the academic responsibilities, the student may appeal to the department chair.
 - Upon approval of an accommodation, the student is responsible for completing the academic work by the deadline established in the accommodation.

Student Records Policy

Please consult the Oracle, the University's official Student Handbook, online at <https://www.troy.edu/student-life-resources/student-resources/oracle.html>, for the most current and complete policy related to student records under Family Educational Rights & Privacy Act (FERPA).

Tobacco Policy

Introduction

Troy University is committed to providing a healthy and safe environment for all students, faculty, and staff. The University's Board of Trustees demonstrated this commitment with the approval of a resolution designating Troy University as a tobacco-free institution.

This new policy, which went into effect on August 13, 2012, prohibits smoking and the use of all tobacco products within all University buildings, parking lots, structures, walkways, indoor and outdoor athletic facilities, University vehicles, worksites and grounds and any vehicles on campus, regardless of ownership. The health care and health education programs of the University perform an important function by demonstrating and promoting healthy lifestyles through activities such as curtailment of the use of tobacco products.

Definitions

- A. "Smoking" means inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, or pipe.
- B. "Tobacco Products" such as all forms of tobacco, including but not limited to cigarettes, cigars, pipes, water pipes (hookah), electronic cigarettes, and smokeless tobacco products (e.g., chewing tobacco and snuff).
- C. "Members of the University Community" include its faculty, staff, students, volunteers, vendors, customers, and visitors.

Policy

This policy applies to all Troy University employees, students, contractors, vendors, recruits, and visitors. The use of all tobacco products is prohibited on all property that is owned, operated, leased, occupied, or controlled by the University. “Property” for the purposes of this paragraph includes buildings and structures, grounds, parking lots, non-public walkways, sidewalks, and vehicles, as well as personal vehicles in these areas. These same policies apply for all TROY campuses and locations.

Troy University will provide a variety of wellness initiatives to assist students, faculty, and staff to achieve nicotine independence and smoking cessation.

Implementation Authority

Authority for enforcement of this policy is vested in the Deans of Colleges, Department Chairs, Supervisors, or the Dean of Students and Athletic Director or their designee, in conjunction with the Senior Director of Human Resources.

Compliance

Violation of this policy may result in corrective action under the Student Code of Conduct, Human Resources Policies and Procedures or other applicable University Regulations or Policies. Visitors refusing to comply may be asked to leave campus.

COLLEGE OF ARTS AND HUMANITIES

Combining tradition with innovation and internationalization, the College of Arts and Humanities focuses on sustaining excellence in academic performance, enhancing lives, and preparing students for careers in an everchanging world. We seek to be Alabama's institutional leader in advancing arts and humanities education and achievement.

The College assumes that the richest experiences of human beings arise from their abilities to analyze and interpret intelligently and imaginatively works of art and performances as well as the rhetoric and actions of past and present leaders; to communicate effectively within a variety of contexts using the multiple languages and tools of the communication and fine arts disciplines; to make intelligent decisions in an increasingly complex and diverse, media-driven society; and to work together harmoniously in groups to accomplish established goals.

The College seeks to create a climate within and beyond its institutional boundaries that encourages responsible, ethical, and informed expression within the disciplines of which it is composed.

The College of Arts and Humanities is a primary provider of cultural events benefiting the citizens of Troy, Alabama and the broader region. Accordingly, the College offers such fine arts events as art exhibits; symphony band, jazz band, and choral concerts; and theatrical performances (including musical and children's theatre and dance). In addition, the College offers a variety of symposia and workshops.

As part of ongoing planning and evaluation, the College regularly assesses student learning outcomes for each degree program.

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	Troy Online
Strategic Communication					X
Master of Arts in Arts Administration	X				

* Please refer to Troy University Admissions for specific program availability by location

MASTER OF ARTS IN ARTS ADMINISTRATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Arts in Arts Administration degree serves the needs of those aspiring to serve as leaders in non-profit arts organizations such as theatres, galleries, performing arts centers, museums, arts councils, or similar entities. This 36 credit hour program includes coursework in fundraising, grant writing, and leadership, and culminates in an internship with an active non-profit arts organization. Entering students should hold a bachelor's degree in a fine arts, performing arts, or a humanities discipline upon matriculation into the program.

Prerequisite Requirements

A bachelor's degree from an accredited institution of higher education is a requirement for admission into the program. Entering students should hold a bachelor's degree in a fine arts, performing arts, or a humanities discipline upon matriculation into the program.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

To apply for admission to the Master of Arts in Arts Administration program, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s); AND
3. A letter of recommendation that addresses the applicant's potential for success in the Master of Arts in Arts Administration graduate program.

Unconditional Admission

Applicants must hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.

Conditional Admission

Applicants with an overall undergraduate grade point average less than 2.5 (4.0 scale) may be granted conditional admission at the discretion of the MA in Arts Administration coordinator with approval of the Academic Dean. Conditionally admitted students must earn a minimum grade point average of 3.0 in the first semester of study to be granted unconditional admission.

Temporary Admission

Temporary Admission may be granted to applicants who have not submitted the letter of recommendation or official undergraduate transcript. Temporary admission is only for one semester or term and must follow the requirements outlined under Conditional Admission.

TRANSFER CREDIT

A maximum of 6 semester hours taken at another regionally accredited college or university, with a grade of "B" or better, can be applied toward the degree. These courses must be comparable to Troy University's courses and must be approved by the MA in Arts Administration's graduate faculty.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 or better and successful completion of the internship is necessary to fulfill requirements for the degree. If a student makes a "D" or "F" in a core course, the course must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective course taken in its place. A "B" or better must be earned in the research course, PA 6601, and the internship course, PA 6694.

CURRICULUM (36 SH)

Required Coursework: (21 sh)

ENG 6670	3	Seminar in Selected Topics (<i>Grant Writing for Arts/Cultural Organizations</i>)
JRN 6615	3	Public Relations and Strategic Communication
MGT 6615	3	Ethical Leadership and Management in a Global Economy
MUI 6622	3	Concert Production and Promotion
MUS 6625	3	Specialized Study in Area of Music (<i>Fundraising and Advancement for Arts Organizations</i>)
PA 6601	3	Research Methods in Public Administration (<i>A grade of "B" or better is required</i>)
PA 6694	3	Internship (<i>A grade of "B" or better is required</i>).

Human Resource Management: (3 sh)

Choose one course from the following:

PA 6605	3	Training and Development
PA 6624	3	Public Human Resource Management

Organizational Leadership: (6 sh)

Choose two courses from the following:

COM 6610	3	Leadership and Media Strategies
PA 6607	3	Performance Measurement and Management for Public and Nonprofit Organizations
PA 6665	3	Organizational Leadership
PA 6666	3	Foundations of Nonprofit Organizations
PA 6667	3	Executive Leadership in Nonprofit Organizations

Electives: (6 sh)

Choose any six graduate credits in a fine arts, performing arts, humanities, or communication field with the following prefixes: ART, COM, DRA, ENG, JRN, MUI, or MUS.

MASTER OF SCIENCE IN STRATEGIC COMMUNICATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science Degree in Strategic Communication, offered by the Hall School of Journalism and Communication in Troy University's College of Communication and Fine Arts, is modeled on a futuristic perspective and detours from traditional graduate programs. This is a program that focuses on the leading-edges of communication issues and positions graduates for immediate responses to the new realities facing today's communication industries.

The online delivery system of the Strategic Communication program appeals to professionals across various disciplines seeking to add the skills of effective communication and leadership recognized as valued and critical to professional success in all major professions. Prior to completion of the program, the student will successfully complete a capstone strategic communication course.

Upon completion of the degree program, the student will have a thorough knowledge of critical thinking regarding strategic communication through a myriad of courses ranging from communication research to theories of strategic communication, ethics and legal issues in communication to advertising and public relations and online media communication systems. The student will succeed in a theoretically grounded, multifaceted media learning environment.

The following outlines the additional expected program learning outcomes of participants enrolled in the Master of Science Degree in Strategic Communication:

- Knowledge of digital media and multimedia platforms as they pertain to communication and leadership;
- Academic research skills in strategic communication and related scholarly fields;
- Critical thinking;
- Written professional communication skills;
- Professional network formation;
- Knowledge of and the skills to study the emerging communication trends and how online media impact the public and communication industries;
- Develop a framework on how to use the evolving communication models to better serve the public with information.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation

- Transcripts

Unconditional Admission

1. Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate grade point average of 3.0 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.
2. Official graduate admission exam results, i.e., GMAT (500 or above) or GRE (1050 or above in verbal and quantitative), or 294 or above on the revised GRE (verbal and quantitative), must be on file.
3. Provide an official Troy University Letter of Recommendation that addresses the individual's potential for success in the Master of Science in Strategic Communication.
4. Provide an official baccalaureate transcript from a regionally accredited college or university.

Conditional Admission

Students who have a 2.75 GPA but meet the minimum GRE/GMAT score requirements and have professional experience may be conditionally admitted on a case-by-case basis. Students with a score of 499-400 on the GMAT or 293-274 on the revised GRE, and an overall 3.0 GPA may also be conditionally admitted to the program

After the student completes the first three 6000 level graduate courses with a "B" (3.0) or better average, the student will be granted unconditional admission. After completing three graduate courses, students not obtaining unconditional admission status will be dropped from the program for one calendar year, after which time the student may petition for readmission. A letter of recommendation is required with all readmission petitions.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited college or university, with a grade of "B" or better, can be applied toward the degree. These courses must be comparable to Troy University's courses and must be approved by the Hall School of Journalism and Communication's graduate faculty.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 or better and successful completion of the required written/oral comprehensive examination is necessary to fulfill requirements for the degree. If a student makes a "D" or "F" in a core or concentration course, the course must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective course taken in its place. A "B" or better must be earned in the capstone course, COM 6699, and the research course, COM 6691.

CURRICULUM

Required Coursework: (15-18 sh)

COM 6601	3	Introduction to Strategic Communication <i>(required for students who do not have an undergraduate degree in a communication-related area)</i>
COM 6600	3	Communication and Influence
COM 6605	3	Strategic Communication Theories
COM 6691	3	Strategic Communication Inquiry and Research
COM 6699	3	Strategic Communication Capstone
JRN 6640	3	Communication Law and Ethics

Elective Coursework: (15 sh) Choose 15 SH from the following:

COM 6610	3	Leadership and Media Strategies
COM 6620	3	Contemporary Issues in Strategic Communication
COM 6630	3	Strategic Communication and Emerging Media
COM 6640	3	Global Communication
COM 6635	3	Strategic Organizational Communication
JRN 6600	3	Media Management
JRN 6615	3	Public Relations and Strategic Communication
JRN 6635	3	International Advertising

2025-2026

TROY UNIVERSITY
Master of Arts in Arts Administration
 Graduate Degree Plan
36 Semester-Hour Program

Created 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 36 Semester hours of coursework credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of internships with a "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ENG 6670	Seminar in Selected Topics (Grant Writing for Arts/ Cultural Org.)	3			
JRN 6615	Public Relations and Strategic Communications	3			
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MUI 6622	Concert Productions and Promotion	3			
MUS 6625	Specialized Study in Area of Music (Fundraising & Advancement)	3			
PA 6601	Research Methods in Public Administration *	3			
PA 6694	Internship *	3			

***A grade of "B" or better is required.**

HUMAN RESOURCE MANAGMENT (3 sh) Choose PA 6605 or PA 6624.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			

ORGANIZATIONAL LEADERSHIP (6 sh) Choose two courses from COM 6610, PA 6607, PA 6665, PA 6666, and/or PA 6667.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ELECTIVES (6 sh) Choose any 6 graduate credits in a fine arts, performing arts, humanities, or communication field with the following prefixes: ART, COM, DRA, ENG, JRN, MUI, or MUS.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
Master of Science in Strategic Communication
 Graduate Degree Plan
30-33 Semester-Hour Program

TROY Publication 384-254
 Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s) 2. Unconditional Admission 3. 30-33 Semester hours of coursework credit 4. Meet residency requirements 5. No more than two grades below "B"	6. Overall GPA of 3.0 7. Completion of research requirement with a "B" or better 8. All credit earned within 8 years of graduation 9. Completions of Capstone course with a "B" or better 10. Graduate Application filed

REQUIRED CORE COURSES (15-18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication *	3			
COM 6600	Communication and Influence	3			
COM 6605	Strategic Communication Theories	3			
COM 6691	Strategic Communication Inquiry and Research	3			
COM 6699	Strategic Communication Capstone	3			
JRN 6640	Communication Law and Ethics	3			

* COM 6601 required for students who do not have an undergraduate degree in communication-related area.

ELECTIVE COURSES (15 sh) See Graduate Catalog for a list of approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

SORRELL COLLEGE OF BUSINESS

Vision of the Sorrell College of Business:

Leading with heart, humility, and hard work, we educate GEEKS prepared to change the world.

Mission of the Sorrell College of Business:

Our student-centered culture, high-quality teaching, meaningful engagement, and impactful scholarship will improve business and society by preparing a diverse student body to become GEEKS leading happy and rewarding lives.

Accreditation

Only the Master of Business Administration, Master of Accountancy, Master of Arts in Economics, Master of Science in Human Resource Management, and Master of Science in Management

are accredited by AACSB International-The Association to Advance Collegiate Schools of Business. In addition, the Master of Accountancy degree, housed in the School of Accountancy, carries supplemental AACSB accounting accreditation.

The graduate degrees offered in the School of Hospitality, Sport, and Tourism Management (Master of Science in Sport Management and Doctor of Philosophy in Sport Management) are accredited by the Commission on Sport Management Accreditation (COSMA).

Deans Approval

Applicants who already hold a master's degree from the Sorrell College of Business must have the Dean's approval before entering a second master's degree program in the college.

AACSB ACCREDITED PROGRAMS

Degree Program	Dothan Campus	Montgomery Campus	Phenix City Campus	Troy Campus	Troy Online
Master of Accountancy (MAcc)				X*	X**
Sorrell Master of Business Administration (MBA)				X^^**	X^^**
Master of Science in Human Resource Management (MSHRM)					X
Master of Science in Management (MSM)					X
Heersink Graduate Certificate of Health Services Management	X*				X
Graduate Certificates					X

COSMA ACCREDITED PROGRAMS

Degree Program	Dothan Campus	Montgomery Campus	Phenix City Campus	Troy Campus	Troy Online
Master of Science in Sport Management				X^^	X
Doctor of Philosophy in Sport Management				X^^	X

Please refer to Troy University Admissions for specific program availability by location.

^^ Offered as blended program. A blended program combines both online and face-to-face courses in the required program of study.

*Offered as flex program

**Offered as flex program with 16-week classes

MASTER OF ACCOUNTANCY, (MAcc)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The mission of the Master of Accountancy program is to prepare students for careers with increasing professional and managerial responsibility in public accounting as well as government and industry and prepare students for admission to accounting PhD programs. To achieve this, the program will focus on the development of specialized functional accounting knowledge; effective research and communication skills, using technology appropriate for the accounting profession; objectivity, integrity, and ethical behavior; and effective critical thinking and analytical problem solving skills.

BUSINESS FOUNDATION REQUIREMENTS

Applicants from non-AACSB accredited institutions will automatically go through a Sorrell College admission review before acceptance.

1. The undergraduate business course requirements to enter the MAcc program ensure that students have acquired a common body of knowledge in business administration.
 - a. Candidates for admission to the MAcc degree program must within eight years of enrolling in the MAcc program have earned an undergraduate degree in business administration or accounting from a school holding regional accreditation* for its business degree program. These undergraduate degree courses must be equivalent in content and quality, and completed at an equal or higher level to Troy University courses.**
 - OR**
 - b. Before attempting 6000-level course work, the student will have successfully completed, within eight years of initial enrollment in the MAcc program, all courses or their equivalent in the following subject areas from a school holding regional accreditation* for its business degree program: These undergraduate degree courses must be equivalent in content and quality, and completed at an equal or higher level to Troy University courses.**
 - Managerial Finance
 - Accounting (Principles of Financial Accounting)
 - Microeconomics or Macroeconomics
 - Statistics
 - OR**
 - c. Prior to starting 6000-level course work, the student will have successfully completed the following undergraduate courses (with a grade of

"C" or better) or the self-paced foundation modules equivalent to the required undergraduate courses through Troy University.**

The following modules will be offered through Continuing Education at Troy University:

<u>Self-Paced Module</u>	<u>Troy University Courses/Module Equivalents</u>
Understanding Corporate Finance	FIN 3331 Financial Management I
Business Math and Statistics	QM 2241 Business Statistics I
Financial Accounting	ACT 2291 Principles of Accounting
Fundamentals of Economics	ECO 2251/2252 Principles of Macroeconomics/Microeconomics

2. If the content of the MAcc undergraduate business course work has been completed and the content is more than eight years old, the student may attempt to qualify for a waiver of these two requirements by achieving a satisfactory score on the Educational Testing Service Major Field Test in Business (Undergraduate). A satisfactory score is defined as no less than one-half standard error of the mean below the national average reported at the time the exam is attempted. For this catalog year, a score of 149 (rounded up) is acceptable. Should the student's total score be less than 149, if the scores for any of the individual business sub-areas are at or above the national average for that sub-area, the undergraduate business course for that sub-area will be waived; the student will be required to complete the undergraduate business course if the sub-area score is below the current national average. This option applies only to those students with an undergraduate degree in business administration or accounting that is more than eight years old from a regionally accredited institution. The ETS MFT (undergraduate) may only be taken one time. ****Note:** For select and predetermined student cohort groups only, the undergraduate foundation courses requirement may in part or in full be waived by the Dean of the Sorrell College of Business.
3. Along with the MAcc foundation courses above, students entering the MAcc program must have completed a degree in accounting from a school holding regional accreditation* for its business degree program or have completed within the last 8 years with a grade of "C" or better from a school holding regional accreditation* for its business degree program the following courses based on accounting standards, auditing standards, and tax laws that are prevalent in the United States:
 - ACT 2292 - Principles of Accounting II
 - ACT 3391 - Intermediate Accounting I
 - ACT 3392 - Intermediate Accounting II

- ACT 3394 - Governmental Accounting
- ACT 3396 - Accounting Information Systems
- ACT 4494 - Income Tax Accounting I
- ACT 4495 - Income Tax Accounting II
- ACT 4497 - Auditing

In addition, MAcc students may be required to complete with a "C" or better the following from a school holding regional accreditation* for its business degree program:

- ENG 1102 - Composition and Modern English II

*For international students, the business degree is to be awarded by an institution granted license to offer business degrees in their country of origin by the appropriate government agency or ministry.

NOTE: To remain eligible for Federal Financial Aid, all undergraduate courses *MUST* be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may *NOT* enroll in undergraduate courses after they have begun graduate coursework.

ADMISSION REQUIREMENTS

Applicants from non-AACSB-accredited institutions will automatically go through a Sorrell College admission review before acceptance.

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Students applying for admission must provide official transcripts.
2. Applicants who have completed a master's or higher degree from a regionally accredited university may be admitted unconditionally. Official transcripts from all universities attended must be submitted, to include an official transcript showing completion of a master's or higher degree.
3. A bachelor's degree from a regionally accredited college or university is required. (Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admissions).
4. Applicants must have achieved at least a 3.0 GPA in all undergraduate work or at least a 3.0 GPA in the last 30 semester hours.
5. A letter of recommendation is required with all applications for the MAcc program, his/her professional, managerial or administrative experience, as well as his/her written and oral communication skills must be addressed.

Conditional Admission

Students not satisfying the minimum graduate admissions test score and grade point average requirements for unconditional admission may be conditionally admitted to the program if they satisfy both of the following conditions:

1. A 2.8 GPA in all undergraduate work or at least a 2.8 GPA in the last 30 semester hours of undergraduate coursework.

After the student completes the first three graduate (6000 level) courses with a "B" or better average, the student will be granted unconditional admission. Students who do not earn a "B" or better in their first three graduate (6000 level) courses, will be dropped from the program for one calendar year, after which time the student must petition for readmission.

TRANSFER CREDIT

A maximum of two courses (six semester hours) taken at another AACSB accredited institution, each with a "B" grade or better, may be applied toward the degree. Transfer credit request from institutions not holding AACSB accreditation will be reviewed upon submission to the appropriate accounting faculty or administrators, with final approval of transfer credit being made by the Dean of the Sorrell College of Business. This is not automatic or guaranteed. The courses must be comparable in catalog description, level, and content to Troy University courses and must be approved by the appropriate accounting administrator and Dean of the Sorrell College of Business. No more than two courses (six semester hours) may be transferred in from a completed master's degree program.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 is necessary to fulfill requirements for the degree. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective taken in its place. All grades, including those for courses that are retaken, are calculated in the GPA required to fulfill the requirements for the degree. The student can satisfy the research component for the Master of Accountancy by receiving a "B" or better in ACT 6652, Financial Accounting Research.

CURRICULUM (30 SH)

The curriculum for the Master of Accountancy (MAcc) program consists of 30 semester hours. Of these 30 semester hours, 24 hours consist of required courses and nine hours consist of electives chosen in consultation with the student's adviser. Below is a list of the required courses and the electives.

Required Courses (24 Semester Hours)

ACT 6651	3	Accounting Systems and Controls
ACT 6652	3	Financial Accounting Research
ACT 6653	3	Advanced Financial Reporting & Analysis
ACT 6654	3	Advanced Auditing and Assurance Services
ACT 6656	3	Professional Certification I
ACT 6657	3	Professional Certification II
ACT 6684	3	Federal Tax Research
ACT 6699	3	Contemporary Issues in Accounting

Electives (6 Semester Hours)

- With advisor approval, select two courses from any 6000-level business course with prefix ACT, ECO, FIN, HRM, IS, MGT, or QM for which prerequisites have been met. **Other courses as approved by advisor.**

NOTE: *There are no cross-listings with other Troy University graduate degree programs for the program. All transfer credits must be processed through normal academic approval procedures. All authorizations for MAcc students to be a transient student at another institution must be approved before the course is attempted. Professional military education courses are not accepted for credit in the MAcc program.*

THE SORRELL MASTER OF BUSINESS ADMINISTRATION (MBA)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

In today's business world, the globalization of markets and production is more evident than ever. Global trade is affecting all businesses, even those focused on the domestic market. Students graduating with the Sorrell Master of Business Administration (MBA) degree will develop an understanding of these important issues along with knowledge of the strategies used by multinational corporations and how to manage in a cross-cultural environment.

MISSION STATEMENT

In consonance with the mission of the University and the Sorrell College of Business, the Sorrell MBA program endeavors to offer a superior learning experience to traditional and nontraditional students in an on-campus and online setting. Rooted in fundamental business knowledge, the curriculum will be globally focused with attention to both developed and emerging economies.

ACCREDITATION

The Troy University Sorrell MBA degree is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

BUSINESS FOUNDATION REQUIREMENTS

Applicants from non-AACSB accredited institutions will automatically go through a Sorrell College admission review before acceptance. Admission to the Sorrell MBA program is contingent on approval by the MBA Director, whose decision is final.

All students must complete with a grade of "B" or better the prerequisite course for the MBA program, BUS 6600 Survey of Business Concepts, which must be taken during the student's first term.

Note: *For international students, the business degree is to be awarded by an institution granted license to offer business degrees in their country of origin by the appropriate government agency or ministry.*

ADMISSION REQUIREMENTS

Applicants from non-AACSB accredited institutions will automatically go through a Sorrell College admission review before ac-

ceptance. Admission to the Sorrell MBA program is contingent on approval by the MBA Director, whose decision is final.

Documents required for application:

- Letter of recommendation
- Transcripts

Unconditional Admission

1. Students applying for admission must provide official transcripts.
2. Applicants who have completed a master's or higher degree from a regionally accredited university may be admitted unconditionally. Official transcripts from all universities attended must be submitted, to include an official transcript showing completion of a master's or higher degree.
3. A bachelor's degree from a regionally accredited college or university is required. (Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admissions.)
4. Applicants must have achieved at least a 2.5 GPA in all undergraduate work.
5. A letter of recommendation is required with all applications for the MBA program. The individual's potential for success in the MBA program, his/her professional, managerial or administrative experience, as well as his/her written and oral communication skills must be addressed.

Conditional Admission

Students not satisfying the minimum grade point average requirements for unconditional admission or applicants from non-AACSB accredited institutions may be conditionally admitted to the program. Conditionally admitted students must complete BUS 6600, ECO 6655, and QM 6640 with a 3.0 or better average to be granted unconditional admission and continue in the program. After completion of these three courses, students not obtaining unconditional admission status will be dropped from the program for one calendar year, after which time the student must petition for readmission. A letter of recommendation is required with all readmission applications for the MBA program. The letter should address the individual's potential for success in the MBA program as well as his/her written and oral communication skills.

Temporary Admission

Temporary admission to the Sorrell MBA program may be granted by the MBA Director for qualified students who are on-track to complete their undergraduate degrees by the end of the semester the application is submitted. Students will not be allowed to register for any 6000 level MBA course until temporary admission is cleared.

TRANSFER CREDIT

A maximum of two courses (six semester hours) taken at another AACSB accredited institution, each with a "B" grade or better, may be applied toward the degree. This is not automatic or guar-

anteed. The course description is evaluated and the course can be transferred into the program only if it is comparable to a Troy University MBA course and approved by the appropriate graduate business faculty or administrator. If the course is not comparable to a Troy University MBA course, then the transfer credit request will be denied.

Transfer credit request from institutions not holding AACSB accreditation will be reviewed upon submission to the appropriate business faculty or administrators, with final college approval of non-AACSB accredited transfer credit being made by the Dean of the Sorrell College of Business or official designee.

Note that the capstone courses and research courses (i.e., BUS 6611 Global Business Strategy and MKT 6661 Global Strategic Marketing) must be taken with Troy University and will not be accepted as transfer credit from another institution. No more than two courses (six semester hours) may be transferred in from a completed master's degree program. Transient credit must meet Graduate School policy, and be pre-approved by the Dean. Professional military education courses are not accepted for credit in the MBA program.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 (A = 4.0) is necessary to fulfill requirements for the degree. If the student receives a "D" or "F" in a core or an option course, it must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective taken in its place. The capstone and research component courses must be completed with a grade of "B" or better. A third grade below a "B" removes the student from the program for one full calendar year after which a readmission petition may be made to the graduate school.

MBA OPTIONS

Students have the following options to complete their Sorrell MBA degree program:

OPTION 1: Sorrell MBA in Analytics (33 SH)

Location: Troy Campus Only

Core Curriculum (24 sh)

BUS 6600	3	Survey of Business Concepts * (<i>Required in first term of program</i>)
ECO 6655	3	Managerial Economics for the Global Manager
ECO 6632	3	Econometrics I * (<i>research course</i>)
FIN 6631	3	Global Financial Management
BA 6662	3	Big Data Analytics and Business Decision Support
QM 6640	3	Data Analysis for Global Managers
MKT 6661	3	Global Strategic Marketing
BUS 6611	3	Global Business Strategy * (<i>Capstone Course</i>)

***Note: A grade of "B" or better is required.**

Electives (9 sh)

Sorrell MBA in Analytics- Students will choose 9 hours of graduate business courses that focus on industry-specific coursework that aligns with their career.

OPTION 2: MBA Music Industry (36 SH)

Location: Troy Campus Only

Core Curriculum (18 sh)

BUS 6600	3	Survey of Business Concepts *
ECO 6655	3	Managerial Economics for the Global Manager
FIN 6631	3	Global Financial Management
QM 6640	3	Data Analysis for Global Managers
MKT 6661	3	Global Strategic Marketing * (<i>research course</i>)
BUS 6611	3	Global Business Strategy * (<i>capstone course</i>) Prerequisites: 24 semester credits completed in the MBA program to include all other core courses.

***Note: A grade of "B" or better is required.**

Music Industry Curriculum (18 SH)

Required Courses (12 sh)

MUI 6614	3	Music Publishing
MUI 6618	3	Advanced Music Technologies
MUI 6640	3	The Business of Music: Entrepreneurship Through American Music, Media, and
		tainment
MUI 6645	3	Legal Aspects of the Music Industry

Electives (6 sh)

Choose 2 courses from the following:

MUI 6610	3	Marketing of Recorded Music
MUI 6612	3	Composition and Arranging for the Music Industry
MUI 6616	3	Advanced Song Writing
MUI 6620	3	Studio Production Techniques
MUI 6622	3	Concert Production and Promotion
MUI 6630	3	Media Composition and Sound Design

OPTION 3: MBA with Concentration Options (30-33 SH)

Location: Troy Online Only

Core Curriculum (21 sh)

BUS 6600	3	Survey of Business Concepts * (3) (<i>must be taken during the first term</i>)
ACT 6691	3	Financial and Managerial Accounting for the Global Manager (3)
ECO 6655	3	Managerial Economics for the Global Manager
FIN 6631	3	Global Financial Management
MKT 6661	3	Global Strategic Marketing * (<i>research course</i>)
QM 6640	3	Data Analysis for Global Managers
BUS 6611	3	Global Business Strategy * (<i>capstone course</i>) Prerequisites: 24 semester credits completed in the MBA program to include all other core courses.

***Note: A grade of "B" or better is required.**

Concentration Options:

Students will select one concentration from the below to complete. Most concentration options are only available online.

Business Exchange Concentration (9 sh)

- Choose 2 graduate ECO courses (6 sh)

- Choose 1 graduate FIN course (3 sh)

Cybersecurity Management Concentration (9 sh)

IS 6670	3	Security Operations
IS 6671	3	Asset Security
IS 6680	3	Security and Risk Management

General Business Concentration (9 sh)

- Choose 3 approved graduate business courses

Health Services Management Concentration (9 sh)**Required Courses (6 sh)**

HSA 6635	3	Strategic Management in Health Care Organizations
HSA 6683	3	Healthcare Economics

Elective (3 sh)

- Choose 3 hours of 6600 level HSA electives

Human Resource Management (9 SH)

HRM 6605	3	Legal Environment of Employment Decisions
HRM 6622	3	Workforce Planning and Staffing
HRM 6623	3	Talent Development

Leadership Concentration (9 sh)

MGT 6615	3	Ethical Leadership and Management in a Global Economy
MSM 6640	3	Foundations of Leadership and Motivation
MSM 6655	3	Advanced Leadership

Management Concentration (9 sh)

MSM 6610	3	Theories of Organizational Behavior
MGT 6670	3	Seminar in International Management
MGT 6681	3	Organization Development and Change

International Relations Concentration (9 sh)

Choose 3 courses from the following:

IR 6602	3	Geostrategic Studies
IR 6603	3	Introduction to International Relations
IR 6610	3	International Organizations
IR 6614	3	International Law
IR 6618	3	Chinese Intelligence in International Relations
IR 6620	3	International Political Economy
IR 6631	3	Intercultural Relations
IR 6635	3	National Security Policy
IR 6636	3	Diplomacy
IR 6637	3	Counter Insurgency and Irregular Warfare
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6649	3	Cyber Warfare and International Relations
IR 6651	3	Contemporary American Foreign Policy
IR 6652	3	International Relations Theory
IR 6655	3	International Conflict Management
IR 6656	3	Strategy
IR 6660	3	Military Strategy and International Relations
IR 6661	3	U.S. Intelligence in International Relations

Public Administration Concentration (9 sh)**Required Course (3 sh)**

PA 6610	3	Global Challenges in Public Administration

Electives (6 sh)

Choose 2 courses from the following:

PA 6603	3	Economics for Public Management
PA 6606	3	Issues in Managing the Public Workforce
PA 6630	3	Strategic Planning
PA 6641	3	Social Marketing in Public Administration
PA 6650	3	Governmental Budgeting & Financial Management
PA 6665	3	Organizational Leadership
PA 6666	3	Foundations of Nonprofit Organizations
PA 6667	3	Executive Leadership in Nonprofit Organizations
PA 6674	3	Ethics in Public Administration
PA 6679	3	E-Governance

Sport Management Concentration (9 sh)

SM 6600	3	Foundations of Sport Management
SM 6630	3	Applied Sport Analytics
SM 6640	3	Sport Marketing

Strategic Communication Concentration (9 sh)**Required Course (3 sh)**

COM 6601	3	Introduction to Strategic Communication

Electives (6 sh)

Choose 2 courses from the following:

COM 6605	3	Strategic Communication Theories
COM 6610	3	Leadership and Media Strategies
COM 6620	3	Contemporary Issues in Strategic Communication
COM 6630	3	Strategic Communication and Emerging Media
COM 6635	3	Strategic Organizational Communication
COM 6640	3	Global Communication
JRN 6600	3	Media Management
JRN 6635	3	International Advertising

Artificial Intelligence Concentration (12 sh):

AI 6600	3	Machine Learning and AI
AI 6620	3	Data Visualization and Communication
AI 6630	3	Generative AI
AI 6650	3	AI Project Management Low Code/No Code

MASTER OF SCIENCE IN HUMAN RESOURCE MANAGEMENT (MSHRM)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science in Human Resource Management (MSHRM) is a specialized program designed to offer the student an opportunity to obtain proficiency in contemporary human resource management concepts, activities, and skills, particularly as they are applied in developing and executing human resource man-

agement systems in support of strategic organizational objectives. As a result of successfully completing the MSHRM program, graduates should know core human resource management functions and practices, understand how human resource management supports business strategy, appreciate the need to act ethically in their professional lives, and have a global business perspective of human resource management.

ACCREDITATION

The Troy University MSHRM degree is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

BUSINESS

FOUNDATION PREREQUISITE REQUIREMENT

All students must complete with a grade of "B" or better the prerequisite course for the MSHRM program, BUS 6600 Survey of Business Concepts, which must be taken during the student's first term.

ADMISSION REQUIREMENTS

Applicants from non-AACSB accredited institutions will automatically go through a Sorrell College admission review before acceptance.

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Candidates for admission must, within eight years of enrolling in the MSHRM degree program, have earned an undergraduate business degree from a school holding regional accreditation* for its business degree programs.
2. Students applying for admission must provide official transcripts.
3. Applicants who have completed a master's or higher degree from a regionally accredited university may be admitted unconditionally. (No graduate admission test scores are required.) Official transcripts from all universities attended must be submitted, to include an official transcript showing completion of a master's or higher degree.
4. A bachelor's degree from a regionally accredited college or university is required. (Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admissions.)
5. Applicants must have achieved at least a 2.5 GPA in all undergraduate work or at least a 3.0 GPA on the last 30 semester hours.
6. Official graduate admission exam* results (GRE, GMAT [verbal and quantitative]), must be on file (except for applicants with a previous master's or higher degree; see #2 above). The GRE score (verbal and quantitative) must be 1050 or above, or 294 or above on the revised GRE (verbal and quantitative). The GMAT score must be 500 or above.

7. A letter of recommendation is required with all applications for the MSHRM program. The individual's potential for success in the MSHRM program, his/her professional, managerial or administrative experience, as well as his/her written and oral communication skills must be addressed.

***Note:** For international students, the business degree is to be awarded by an institution granted license to offer business degrees in their country of origin by the appropriate government agency or ministry.

****Note:** Applicants with a minimum overall undergraduate cumulative grade point average of 3.0 (4.0 scale), or a grade point average of 3.0 (4.0 scale) or better for the last 30 semester hours of undergraduate coursework completed are not required to submit GMAT or GRE scores for admissions consideration. Formal notification of this waiver will be given to the student after review of the official transcripts.

Conditional Admission

Students not satisfying the minimum graduate admission test score and grade point average requirements for unconditional admission may be conditionally admitted to the program. However, the application of any student who has earned a GPA of less than 3.0 in a previous graduate program is subject to review by the Director of the MSHRM program. The Director's recommendation will be referred to a committee of no less than three MSHRM faculty members for a final decision. After the student completes the first three graduate (6000-level) courses with a "B" (3.0) or better average, the student will be granted unconditional admission. After completing three graduate courses, students not obtaining unconditional admission status will be dropped from the program for one calendar year, after which time the student must petition for readmission. A letter of recommendation is required with all readmission applications for the MSHRM program. The letter should address the individual's potential for success in the MSHRM program as well as his/her written and oral communication skills.

TRANSFER CREDIT

A maximum of two courses (six semester hours) taken at another AACSB accredited institution, each with a "B" grade or better, may be applied toward the degree. This is not automatic or guaranteed. Transfer credit request from institutions not holding AACSB accreditation will be reviewed upon submission to the appropriate business faculty or administrators, with final college approval of transfer credit being made by the Dean of the Sorrell College of Business.

Note that the capstone course HRM 6698 Strategic Human Resource Management must be taken with Troy University and will not be accepted as transfer credit from another institution. Credit accepted for transfer into the MSHRM program or to satisfy specified courses is limited to institutions holding AACSB accreditation (or those approved through the Sorrell College transfer credit review process) for their business programs. These courses must be comparable in catalog description, level, and content to Troy University courses and approved by the appropriate graduate business faculty or administrator. If the course is not comparable to a Troy University MSHRM course then the transfer credit request

will be denied. No more than two courses (six semester hours) may be transferred in from a completed master's degree program. Transient credit must meet Graduate School policy, and be pre-approved by the Dean. Professional military education courses are not accepted for credit in the MSHRM program.

DEGREE REQUIREMENT

All graduates from the MSHRM program must successfully complete the courses listed below with an overall grade point average of 3.0 (A = 4.0) or better. If the student receives a "D" or "F" in a core course, it must be retaken. A third grade below a "B" removes the student from the program for one full calendar year after which a readmission petition may be made to the graduate school.

CURRICULUM (30 SH)

All students must complete with a grade of "B" or better the prerequisite course for the MSHRM program, BUS 6600 Survey of Business Concepts, which must be taken during the student's first term.

Core Curriculum (21 sh)

BUS 6600	3	Survey of Business Concepts * (<i>Must be taken during first term</i>)
HRM 6605	3	Legal Environment of Employment Decisions
HRM 6622	3	Workforce Planning and Staffing
HRM 6623	3	Talent Development *
HRM 6632	3	Compensation and Benefits
MGT 6681	3	Organization Development and Change
HRM 6698	3	Strategic Human Resource Management * (<i>capstone course taken during the last term</i>)

*A grade of "B" or better is required.

MSHRM Concentrations

Students will select one concentration from the below to complete.

Business Exchange Concentration (9 sh)

- Choose 2 graduate ECO courses (6 sh)
- Choose 1 graduate FIN course (3 sh)

Cybersecurity Management Concentration (9 sh)

IS 6670	3	Security Operations
IS 6671	3	Asset Security
IS 6680	3	Security and Risk Management

General Business Concentration (9 sh)

- Choose 3 approved graduate business courses

Health Services Management Concentration (9 sh)

Required Courses (6 sh)

HSA 6635	3	Strategic Management in Health Care Organizations
HSA 6683	3	Healthcare Economics

Elective (3 sh)

- Choose 3 hours of 6600 level HSA electives

Leadership Concentration (9 sh)

MGT 6615	3	Ethical Leadership and Management in a Global Economy
MSM 6640	3	Foundations of Leadership and Motivation
MSM 6655	3	Advanced Leadership

Management Concentration (9 sh)

MSM 6610	3	Theories of Organizational Behavior
MGT 6670	3	Seminar in International Management
MGT 6681	3	Organization Development and Change

International Relations Concentration (9 sh)

Choose 3 courses from the following:

IR 6602	3	Geostrategic Studies
IR 6603	3	Introduction to International Relations
IR 6610	3	International Organizations
IR 6614	3	International Law
IR 6618	3	Chinese Intelligence in International Relations
IR 6620	3	International Political Economy
IR 6631	3	Intercultural Relations
IR 6635	3	National Security Policy
IR 6636	3	Diplomacy
IR 6637	3	Counter Insurgency and Irregular Warfare
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6649	3	Cyber Warfare and International Relations
IR 6651	3	Contemporary American Foreign Policy
IR 6652	3	International Relations Theory
IR 6655	3	International Conflict Management
IR 6656	3	Strategy
IR 6660	3	Military Strategy and International Relations
IR 6661	3	U.S. Intelligence in International Relations

Public Administration Concentration (9 sh)

Required Course (3 sh)

PA 6610	3	Global Challenges in Public Administration

Electives (6 sh)

Choose 2 courses from the following:

PA 6603	3	Economics for Public Management
PA 6606	3	Issues in Managing the Public Workforce
PA 6630	3	Strategic Planning
PA 6641	3	Social Marketing in Public Administration
PA 6650	3	Governmental Budgeting & Financial Management
PA 6665	3	Organizational Leadership
PA 6666	3	Foundations of Nonprofit Organizations
PA 6667	3	Executive Leadership in Nonprofit Organizations

Sport Management Concentration (9 sh)

PA 6654	3	Ethics in Public Administration
SM 6609	3	Foundations of Sport Management
SM 6630	3	Applied Sport Analytics
SM 6640	3	Sport Marketing

Strategic Communication Concentration (9 sh)**Required Course (3 sh)**

COM 6601 3 Introduction to Strategic Communication

Electives (6 sh)

Choose 2 courses from the following:

COM 6605 3 Strategic Communication Theories

COM 6610 3 Leadership and Media Strategies

COM 6620 3 Contemporary Issues in Strategic Communication

COM 6630 3 Strategic Communication and Emerging Media

COM 6635 3 Strategic Organizational Communication

COM 6640 3 Global Communication

JRN 6600 3 Media Management

JRN 6635 3 International Advertising

MASTER OF SCIENCE IN MANAGEMENT (MSM)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The purpose of the Master of Science in Management program is to provide a specialized professional program for the student who wants to acquire leadership skills. The MSM program is tailored to meet the needs of individuals with non-business backgrounds or degrees, or those focused specifically on enhancing leadership skills. This program is designed to develop leadership capabilities centered around motivating teams and managing people and processes in businesses and non-profit organizations. Effective communication, ethical leadership, decision-making and a quality, systematic approach to management is emphasized to assist in developing the skills and abilities necessary to manage people, processes, and to lead teams.

ACCREDITATION

The Troy University MSM degree is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

BUSINESS**FOUNDATION PREREQUISITE REQUIREMENT**

All students must complete with a grade of "B" or better the prerequisite course for the MSM program, BUS 6600 Survey of Business Concepts, which must be taken during the student's first term.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Students applying for admission must provide official transcripts.

2. Applicants who have completed a master's or higher degree from a regionally accredited university may be admitted unconditionally. (No graduate admission test scores are required.) Official transcripts from all universities attended must be submitted, to include an official transcript showing completion of a master's or higher degree.
3. A bachelor's degree from a regionally accredited college or university with an AACSB accredited business school is required. (Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admissions.)
4. Applicants must have achieved at least a 2.5 GPA in all undergraduate work or at least a 3.0 GPA for the last 30 semester hours.
5. A letter of recommendation is required with all applications for the MSM program. The individual's potential for success in the MSM program, his/her professional, managerial or administrative experience, as well as his/her written and oral communication skills must be addressed.

Conditional Admission

Students not satisfying the minimum grade point average requirements for unconditional admission or applicants from non-AACSB accredited institutions may be conditionally admitted to the program. Conditionally admitted students must complete their first 9 credit hours in the program, where the first course must be BUS 6600 with a 3.0 or better average to be granted unconditional admission and continue in the program. After completion of the three courses, students not obtaining unconditional admission status will be dropped from the program for one calendar year, after which time the student must petition for readmission. A letter of recommendation is required with all readmission applications for the MSM program. The letter should address the individual's potential for success in the MSM program as well as his/her written and oral communication skills.

Temporary Admission

Temporary Admission may be granted to applicants who have not submitted the letter of recommendation or official undergraduate transcript. Temporary admission is only for one semester or term and must follow the requirements outlined under Conditional Admission.

TRANSFER CREDIT

A maximum of two courses (six semester hours) taken at another AACSB accredited institution, each with a "B" grade or better, may be applied toward the degree. This is not automatic or guaranteed. Transfer credit request from institutions not holding AACSB accreditation will be reviewed upon submission to the appropriate business faculty or administrators, with final college approval of transfer credit being made by the Dean of the Sorrell College of Business.

Note that the capstone course MSM 6650 Strategic Management must be taken with Troy University and will not be accepted

as transfer credit from another institution. Credit accepted for transfer into the MSM core or to satisfy specified program courses is limited to institutions holding AACSB accreditation (or those approved through the Sorrell College transfer credit review process) for their business programs. These courses must be comparable in catalog description, level, and content to Troy University courses and approved by the appropriate graduate business faculty or administrator. If the course is not comparable to a Troy University MSM course then the transfer credit request will be denied. No more than two courses (six semester hours) may be transferred in from a completed master's degree program. Transient credit must meet Graduate School policy, and be pre-approved by the Dean. Professional military education courses are not accepted for credit in the MSM program.

All transfer credits must be processed through normal academic approval procedures. All authorizations for MSM students to be a transient student at another institution must be approved before the course is attempted. Transient credit must meet Graduate School policy, and be pre-approved by the Dean. Professional military education courses are not accepted for credit in the MSM program.

DEGREE REQUIREMENTS

Students graduating with an MSM degree will have successfully completed the courses listed below with an overall grade point average of 3.0 (A = 4.0) and with no more than two grades of "C" to fulfill requirements for the degree. Students may be required to take additional testing from non-Troy organizations as part of their program. A third grade below a "B" removes the student from the program for one full calendar year after which a readmission petition may be made to the graduate school.

CURRICULUM (30 SH)

All students must complete with a grade of "B" or better the pre-requisite course for the MSM program, BUS 6600 Survey of Business Concepts, which must be taken during the student's first term.

Core Curriculum (12 sh)

- BUS 6600 - Survey of Business Concepts* (3) (must be taken during the first term)
- MSM 6610 - Theories of Organizational Behavior (3)
- MGT 6681 - Organization Development and Change (3)
- MSM 6650 - Strategic Management* (3)

**A grade of "B" or better is required.*

MSM Concentrations

OPTION 1:

Students will select two concentrations to complete. One concentration must be from the Business Concentration Options.

Business Concentration Options:

Business Exchange Concentration (9 sh)

- Choose 2 graduate ECO courses (6 sh)
- Choose 1 graduate FIN course (3 sh)

Cybersecurity Management Concentration (9 sh)

IS 6670	3	Security Operations
IS 6671	3	Asset Security
IS 6680	3	Security and Risk Management

General Business Concentration (9 sh)

- Choose 3 approved graduate business courses

Health Services Management Concentration (9 sh)

Required Courses (6 sh)

HSA 6635	3	Strategic Management in Health Care Organizations
HSA 6683	3	Healthcare Economics

Elective (3 sh)

- Choose 3 hours of 6600 level HSA electives

Human Resource Management (9 SH)

HRM 6605	3	Legal Environment of Employment Decisions
HRM 6622	3	Workforce Planning and Staffing
HRM 6623	3	Talent Development

Leadership Concentration (9 sh)

MGT 6615	3	Ethical Leadership and Management in a Global Economy
MSM 6640	3	Foundations of Leadership and Motivation
MSM 6655	3	Advanced Leadership

Interdisciplinary Concentration Options:

International Relations Concentration (9 sh)

Choose 3 courses from the following:

IR 6602	3	Geostrategic Studies
IR 6603	3	Introduction to International Relations
IR 6610	3	International Organizations
IR 6614	3	International Law
IR 6618	3	Chinese Intelligence in International Relations
IR 6620	3	International Political Economy
IR 6631	3	Intercultural Relations
IR 6635	3	National Security Policy
IR 6636	3	Diplomacy
IR 6637	3	Counter Insurgency and Irregular Warfare
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6649	3	Cyber Warfare and International Relations
IR 6651	3	Contemporary American Foreign Policy
IR 6652	3	International Relations Theory
IR 6655	3	International Conflict Management
IR 6656	3	Strategy
IR 6660	3	Military Strategy and International Relations
IR 6661	3	U.S. Intelligence in International Relations

Public Administration Concentration (9 sh)

Required Course (3 sh)

PA 6610	3	Global Challenges in Public Administration

Electives (6 sh)

Choose 2 courses from the following:

PA 6603	3	Economics for Public Management

PA 6606	3	Issues in Managing the Public Workforce
PA 6630	3	Strategic Planning
PA 6641	3	Social Marketing in Public Administration
PA 6650	3	Governmental Budgeting & Financial Management
PA 6665	3	Organizational Leadership
PA 6666	3	Foundations of Nonprofit Organizations
PA 6667	3	Executive Leadership in Nonprofit Organizations
PA 6674	3	Ethics in Public Administration
PA 6679	3	E-Governance

Sport Management Concentration (9 sh)

SM 6600	3	Foundations of Sport Management
SM 6630	3	Applied Sport Analytics
SM 6640	3	Sport Marketing

Strategic Communication Concentration (9 sh)

Required Course (3 sh)

COM 6601	3	Introduction to Strategic Communication

Electives (6 sh)

Choose 2 courses from the following:

COM 6605	3	Strategic Communication Theories
COM 6610	3	Leadership and Media Strategies
COM 6620	3	Contemporary Issues in Strategic Communication
COM 6630	3	Strategic Communication and Emerging Media
COM 6635	3	Strategic Organizational Communication
COM 6640	3	Global Communication
JRN 6600	3	Media Management
JRN 6635	3	International Advertising

OPTION 2: Artificial Intelligence Concentration (18 sh)

AI 6600	3	Machine Learning and AI
AI 6610	3	Machine Intelligence Platforms
AI 6620	3	Data Visualization and Communication
AI 6630	3	Generative AI
AI 6640	3	Deep Learning
AI 6650	3	AI Project Management Low Code/No Code

MASTER OF SCIENCE IN SPORT MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Sport Management graduate program is designed to provide the graduate with the knowledge, skills, and attitudes to engage in the practice of management in a variety of settings. The goals and objectives of the program are guided by, but are not limited to, the criteria and guidelines set forth by the Commission on Sport Management Accreditation (COSMA).

EXPECTED PROGRAM OUTCOMES

The program aims to provide a broad-based, comprehensive curriculum, with an emphasis on interdisciplinary collaboration that prepares a sport management practitioner to:

1. plan, develop, implement and evaluate programs of service designed to meet local community, state, regional, national and international needs;
2. administer and manage a sport management service;
3. articulate and apply sport management principles, intervention approaches, rationales, and expected outcomes of service;
4. be innovators and leaders in the profession, applying sport management knowledge to the solution of complex sport managerial issues and health problems;
5. demonstrate an attitude of inquiry and nurture the capacity for creative thinking, critical analysis and problem solving; to interpret and apply related research results to sport management practice.

EXPECTED STUDENT OUTCOMES

Upon successful completion of the SM program, the student will be able to:

1. articulate core curricular knowledge;
2. cultivate an advanced understanding of ethical obligations in sport management roles;
3. critically evaluate sport related research;
4. articulate their professional preparedness; and,
5. be prepared for a career in the sport management industry.

PREREQUISITE REQUIREMENTS

Candidates for admission must hold a baccalaureate degree in sport management or related field.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Applicants must have a baccalaureate degree from a regionally accredited four-year institution. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.
2. Applicants must have an overall grade point average of 2.5 on a four-point scale or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.

Conditional Admission

Conditional Admission does not apply to this program.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited institution of higher learning, with a grade of "B" or better, can be applied toward the degree. These courses must be comparable to Troy University's courses and must be approved by the SM graduate faculty.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 or better and successful completion of the exit capstone requirement is necessary to fulfill requirements for the degree. If a student makes a "D" or "F" in a core or concentration course, the course must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective taken in its place. The student can satisfy the research component requirement by successfully completing SM 6617 with a grade of "B" or better.

EXIT CAPSTONE REQUIREMENT

Each MS Sport Management student is expected to submit their exit capstone project 6 weeks prior to their anticipated graduation date. Exit capstone projects will be submitted to the TROY MS Sport Management Graduate Coordinator via email. Email subject lines should read: LAST NAME, MSSM Exit Capstone Requirement.

Additional information pertaining to the Exit Capstone Requirement:

1. The exit capstone requirement is a digital professional portfolio containing:
 - a. Current Resume or Curriculum Vita (CV);
 - i. a QR code or link to an expanded digital portfolio should be provided in the resume or CV.
 - b. Students should demonstrate their professional readiness through a creative, digital portfolio. The portfolio should minimally include highlights on: Education, Professional Experiences, Other Notable Experiences, Personal/Professional Qualifications and/or Examples, Hobbies, Link to Socials, etc. A personal mission statement should also be included.
2. Exit capstone requirements will be evaluated on a pass/fail basis by two Troy University Sport Management faculty members. Each student must meet or exceed professionalism expectations in order to pass.
3. Students are not eligible to graduate if they do not successfully complete the exit capstone requirement.
4. Students who do not meet the expectations of the Troy University Sport Management faculty members evaluating this requirement, will have an additional opportunity to resubmit for a passing grade. Students who do not receive a passing grade after the 2nd submission, must wait one semester before resubmitting the digital portfolio again.

CURRICULUM (36 SH)

All courses offer three semester hours of credit except SM 6625, SM 6626, SM 6627, SM 6680, SM 6681, and SM 6682.

Students may choose from two concentrations: 1) Sport Management or 2) Collegiate Sport Management. In addition, the students may choose thesis or non-thesis options in each concentration.

Sport Management Concentration

Required Core Courses: (12 sh)

Core Sport Management Courses are only offered via TROY Online.

SM 6600	3	Foundations of Sport Management
SM 6604	3	Statistical Analysis and Interpretation
SM 6617	3	Research Methods I
SM 6691	3	Research Methods II

Sport Management Concentration Requirements (24 sh)

Select Either the Non-Thesis or Thesis Option:

Non-Thesis Option

SM Required Core	12 sh
SM Elective Courses	24 sh
Total	36 sh

Thesis Option

SM Required Core	12 sh
SM Elective Courses	18 sh
Thesis I	3 sh
Thesis II	3 sh
Total	36 sh

Electives (18-24 sh)

SM 6605	3	Global Perspectives in Sport
SM 6610	3	Sport and the Law
SM 6614	3	Risk Management in Sport
SM 6615	3	Organizational Behavior & Leadership in Sport
SM 6616	3	Sport Finance
SM 6618	3	Sport Economics
SM 6624	3	Sociological Aspects of Sport
SM 6625	3	Specialized Study in Sport Management
SM 6630	3	Applied Sport Analytics
SM 6632	3	Critical Issues in Sport Management
SM 6633	3	Sport Consumer Behavior
SM 6639	3	Sport Communication
SM 6640	3	Sport Marketing
SM 6641	3	Sport Facility and Event Management
SM 6644	3	Human Resource Management in Sport
SM 6645	3	Revenue Generation in Sports
SM 6672	3	Sport Psychology
SM 6673	3	Ethics in Sport
SM 6674	3	Entrepreneurship in Sport
SM 6675	3	NCAA Governance, Compliance and Institutional Control
SM 6680	3	Practicum in Sport Management
SM 6681	3	Practicum in Sport Management
SM 6690	3	Internship

Collegiate Sport Management Concentration

Required Core Courses: (12 sh)

Core Sport Management Courses are only offered via TROY Online.

SM 6600	3	Foundations of Sport Management
SM 6604	3	Statistical Analysis and Interpretation
SM 6617	3	Research Methods I
SM 6691	3	Research Methods II

Collegiate Sport Management Concentration Requirements (24 sh)

Select Either the Non-Thesis or Thesis Option:

Non-Thesis Option

SM Required Core	12 sh
Collegiate SM Requirements	18 sh
SM Electives	6 sh
Total	36 sh

Thesis Option

SM Required Core	12 sh
Collegiate SM Requirements	18 sh
Thesis I	3 sh
Thesis II	3 sh
Total	36 sh

Collegiate Sport Management Requirements (18 sh)

SM 6610	3	Sport and the Law
SM 6616	3	Sport Finance
SM 6644	3	Human Resource Management in Sport
SM 6675	3	NCAA Governance, Compliance and Institutional Control
SM 6680	3	Practicum in Sport Management
SM 6690	3	Internship

Electives (0-6 sh)

SM 6605	3	Global Perspectives in Sport
SM 6614	3	Risk Management in Sport
SM 6615	3	Organizational Behavior & Leadership in Sport
SM 6618	3	Sport Economics
SM 6624	3	Sociological Aspects of Sport
SM 6625	3	Specialized Study in Sport Management
SM 6630	3	Applied Sport Analytics
SM 6632	3	Critical Issues in Sport Management
SM 6633	3	Sport Consumer Behavior
SM 6639	3	Sport Communication
SM 6640	3	Sport Marketing
SM 6641	3	Sport Facility and Event Management
SM 6645	3	Revenue Generation in Sports
SM 6672	3	Sport Psychology
SM 6673	3	Ethics in Sport
SM 6674	3	Entrepreneurship in Sport

DOCTOR OF PHILOSOPHY (PHD) IN SPORT MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The Doctor of Philosophy (PhD) in Sport Management is a terminal degree focusing on student comprehension and interpretation of contemporary, theoretical and applied studies within the field of Sport Management. The mission of the program is to prepare the

graduate with a broad range of sport management-related positions to include, but not limited to higher education, research, professional or amateur athletics, and professional sport industry.

EXPECTED PROGRAM OUTCOMES

The program aims to provide a comprehensive curriculum with an area of specialization to prepare a sport manager practitioner or academician to:

1. Demonstrate the ability to conduct research related to the sport industry.
2. Analyze, evaluate, and implement solutions to complex sport issues, to prepare innovators and leaders in the field of sport management.
3. Support the dissemination of scholarly and practical research and knowledge in the behavioral sciences.
4. Demonstrate teaching and research skills needed for success in professional sport management roles.

EXPECTED STUDENT OUTCOMES

Upon successful completion of the PhD in Sport Management the graduate will be able to:

1. Demonstrate advanced knowledge of core and specialized content knowledge;
2. Identify essential teaching strategies necessary for success in the sport management education environment;
3. Demonstrate proficiency in communicating sport issues, while applying appropriate theoretical framework;
4. Effectively interpret sport management research;
5. Students will analyze and apply sport management principles, approaches and rationales to current sport management cases;
6. Students will organize and plan programs of service designed to meet local, state, regional, national and/or international needs;
7. Prepare research within the field of sport management for publication and research.

ADMISSIONS

Documents required for application:

- Letter of Recommendation
- Transcripts

The applicant must submit an application to the Troy University Graduate School. No prerequisites will be required for admission other than the applicant must have attained a Master's degree from a regionally accredited institution of higher education. In order to be given full consideration, all requested materials must be received by the deadlines listed below:

Application Deadlines (Preferred Application Dates):

Fall Admission for US citizens:	June 1
Fall Admission for non US citizens:	April 1
Spring Admission for US citizens:	October 1
Spring Admission for non US citizens:	September 1

Admission Examination Requirements

1. TOEFL scores are required for all international students; this requirement is waived if the student has earned a bachelor's or master's degree from a regionally accredited United States institution. Students scoring 70 or higher on the Internet-based TOEFL Test, 193 or higher on the Computer-based Test, and a 523 or higher on the Paper-based TOEFL Test will be given full consideration for admission into the Doctoral Program.
2. Official scores from nationally standardized aptitude examinations, such as the Graduate Record Examination (GRE), General Management Admissions Test (GMAT), or Law School Admissions Test (LSAT) are NOT required for admissions consideration; however, official scores may be submitted at the time of application by those students who feel the results of their examinations will enhance their admissions application.
3. The applicant must submit the following materials to the Troy University Graduate School:
 1. Troy University Graduate School Application Form
 2. One official transcript per each institution of higher education ever attended.
 3. Provide a list of three references including their name, title, affiliation, and contact information.
 4. Statement of Intent.
 - A. Include details of your rationale for pursuing a PhD in Sport Management.
 - B. Include details regarding your career and research interests.
 - C. Identify 2-3 TROY Sport Management doctoral faculty members that you are interested in working with. A list of doctoral directive faculty members and their curriculum vitae indicating their research areas may be viewed at <https://troy.edu/hstm>.
5. Writing Sample

The goal of the writing sample is to measure the applicant's ability to write clearly and succinctly in an academic fashion. The writing sample will assist the Doctoral Admissions Committee in evaluating the applicant's research, writing, analytical and problem-solving skills. The writing sample may include a thesis completed by the student or a significant research paper, preferably written at the graduate level, and solely by the applicant. The Doctoral Admissions Committee will evaluate the writing sample based on the following criteria: 1) Writing Development and Critical Thinking - ability to articulate the primary concept and inform the reader of its focus; 2) Organization and Structure - development of the topic to include fluid transitions; 3) Paragraph Development - use of transitions and language

within each paragraph.; and 4) Mechanics - appropriate spelling, grammar, and punctuation. **NOTE:** The writing sample could also include accepted or published research that the applicant has been sole or co-author of a research project. The applicant must submit a pdf of the paper or a link as proof of publication.

6. Resume or Curriculum Vitae

Doctoral Admissions Committee

The Doctoral Admissions Committee will be composed of all Sport Management faculty members with doctoral directive status. Once all of the application information has been received from the Graduate School, the Sport Management Doctoral Admissions Committee will review all eligible applicants. After the committee considers all aspects of the admission process, it will make a recommendation regarding an applicant's admission into the PhD in Sport Management Program. After a decision has been made, applicants will be notified of their status.

DOCTORAL TEACHING ASSISTANTSHIPS

Students who apply for the Doctor of Philosophy in Sport Management program may apply for a doctoral teaching assistantship. All Doctoral directive status faculty members will vote on the DTA applicants. Consult the Coordinator of the PhD in Sport Management Program for more details.

TRANSFER OF CREDIT

The PhD degree in Sport Management at Troy University requires a minimum of 90 credits beyond a baccalaureate degree. In order to satisfy the 90 credits past a baccalaureate degree, no more than 30 credits of a Master's or juris doctorate (JD) degree from another regionally accredited institution of higher education will be recognized. As such, the student must complete a minimum of 60 credit hours in the Sport Management doctoral program at Troy University.

Conditions for Transfer Credit from another Sport Management doctoral program:

1. Students must complete the admissions application packet as described previously.
2. A maximum of 16 credits from another Sport Management doctoral program will be allowed to transfer to the Troy University Sport Management doctoral program.
3. All transfer courses must be comparable to Troy University's graduate courses and must be approved by the admissions committee.

ENTRANCE INTO THE PROGRAM

All students accepted into the PhD in Sport Management program are required to complete a new student virtual orientation via Canvas. Once accepted into the program, students are assigned a coursework advisor that assist with course sections and program related questions until a Dissertation Committee Chair has been identified. It is the students' responsibility to select a Dissertation Committee Chair within 5 terms of starting the program. The Dissertation Committee Chair assumes the role of academic advisor, Chair Comprehensive Examination and Dissertation Committees. Students and their Dissertation Committee Chairs are responsible

for organizing the Comprehensive Examinations as well as the dissertation proposal and defense dates.

TIME TO COMPLETE DEGREE

Consistent with other terminal degree programs at TROY, the Sport Management doctoral student will have a maximum time for degree completion of eight years, inclusive of completing dissertation requirements. However, it is important to note that a full-time student (i.e., taking 6 credits per term) may be able to complete coursework in two (2) years. Additionally, dissertation may require 1-2 years to fully complete. As a result, students can finish the program in as little as three (3) years).

DOCTORAL STUDENT EVALUATION

At least once per academic year all faculty with doctoral directive status and graduate faculty teaching in the doctoral program will meet to discuss and evaluate the progress of all doctoral students in the program. This evaluation is designed to assist the doctoral student in successfully completing the program on a timely basis. The results of the evaluations will be distributed to the students by the coordinator of the doctoral program in a timely manner.

COMPREHENSIVE EXAMINATIONS

Sport Management doctoral students are required to successfully complete a written and oral comprehensive examination. The Comprehensive Examination is composed of the qualifying paper and oral defense (research presentation). Qualifying papers are expected to be of near publishable quality—that is, of sufficient quality that they might reasonably be submitted to a peer-reviewed journal or conference. The comprehensive exam aims to allow the doctoral candidate to demonstrate mastery in integrating information from diverse sources, critically evaluate research findings, and synthesize knowledge across various subfields. The doctoral student will be provided an opportunity to demonstrate effective research skills, such as literature review, data analysis, and the ability to situate one's research within existing knowledge.

Timeframe for the Comprehensive Examination

The comprehensive exam is recommended to be taken in the last term of class enrollment but not any later than the end of three subsequent terms, unless extenuating circumstances arise and approved by the committee chair. For example, should students complete their final classwork during Term 2, they may elect to take the comprehensive exam in Term 2 but no later than the end of Term 5 unless extenuating circumstances arise.

Applying for the Comprehensive Examination

Students are required to notify their Dissertation Committee Chair about their plan to complete the Comprehensive Exam. The Dissertation Chair and the student will work collaboratively to determine an approval for the comprehensive exam process. The coordination of submission dates for the qualifying papers and oral examinations is the responsibility of both the student and their Dissertation Committee Chair. Meanwhile, the Dissertation Committee members are given at least two weeks to review the qualifying paper.

Preparing for the Comprehensive Examination

The comprehensive examination involves a collaborative effect between the student and the Dissertation Committee Chair, along with the participation of two other members selected from the comprehensive exam committee. It is necessary that at least two individuals, including the Dissertation Committee Chair, are affiliated with the School of Hospitality, Sport, and Tourism Management, while one member holding full-time Graduate Faculty status may be chosen from a related academic discipline. The qualifying papers will center on a subject and topic determined through collaboration between the Dissertation Committee Chair and the student. Students are required to submit research that is "ready for submission" as the qualifying papers. These papers may originate from a seminar or previous work. Depending on the target outlet and recommendations from the Comprehensive Exam Committee, the qualifying papers will likely include the following elements but may be subject to modifications:

- Title
- Abstract
- Key Words
- Introduction
- Theoretical framework
- Literature review
- Research question/design/methodological section
- Analysis or findings
- Conclusions
- References

Contact by the student with other committee members is recommended. The coordination of submission dates for the qualifying papers is the responsibility of both the student and their Dissertation Committee Chair.

Taking the Comprehensive Examination

The Dissertation Committee Chair will oversee the administration of the comprehensive exam including the submission dates for qualifying papers and scheduling the oral examination. The Dissertation Committee members are given at least two weeks to review the qualifying papers.

Written Examination

Qualifying papers must be prepared according to the style requirements of a specific peer-reviewed journal the student and Comprehensive Exam Committee agree upon. Students will be assessed in their academic writing skills, including organizing ideas, constructing arguments, citing relevant literature, data analysis, and the ability to situate one's research within existing knowledge. The qualifying paper may be based on a term paper previously submitted for a graduate course (e.g., a seminar or previous work, and with the assistance of the comprehensive examination committee members) at Troy University, provided the course's instructor approves.

Oral Examination

The student should prepare a 30-minute presentation reviewing their qualifying paper. The members of the Comprehensive Examination Committee should have reviewed and contemplated the qualifying paper in advance. Since the meeting lasts up to two hours, there will be sufficient time for questions and discussions

during the research presentation. The student should expect to be examined in depth on subject matter directly and tangentially related to all aspects of the qualifying paper submitted. The questioning is not limited to the qualifying paper but may extend to areas that intersect with the chosen topic.

Evaluating the Comprehensive Examination

The written examination will be read and evaluated by all members of the student's comprehensive exam committee. Generally, after the written examination the comprehensive exam committee will meet with the student for an oral component of the exam. **NOTE:** *The comprehensive exam process will be scored by at least three members of the committee.* Except for allowed substitutions, all members of the examination committee must be present with the student at the oral part. Performance on both the written and oral components of the exam must be acceptable to the comprehensive examination committee. At this time, the examination committee is responsible for deciding whether the student is qualified to be admitted to doctoral candidacy. After completing the written and oral examination, the committee will score the exam in the following manner:

Pass with Distinction: All of the committee members agree that the student responded to all parts of the examination in an outstanding manner.

Pass: The majority of the committee members agree student responded to the majority parts of the examination in an acceptable manner. However, in case of a tie, either the Dean or Associate Dean of the College of Health and Human Services will be asked to read and evaluate the exam.

Fail Retake Permitted: At least three of the committee members agree that the student failed to respond in an acceptable manner to more than one of the sections asked and this is the first time the exam has been taken. Under such circumstances, the exam cannot be retaken until the next semester. The student will be required to be enrolled in at least one credit hour for the semester the exam will be taken for the second time. The student will not be allowed to propose a doctoral dissertation until the exam is passed. Additionally, if the committee members agree that the student failed to respond in an acceptable manner in the second exam, the student's program will be terminated. Retaking the comprehensive final will be permitted only once.

Fail: All of the committee members agree that the student failed to respond in an acceptable manner to more than one of the parts asked, no retake will be permitted, and the student's program is terminated.

Reporting Results of the Comprehensive Doctoral Examination

1. Only after the Committee reaches a decision on the results of the Comprehensive Exam should students be notified. Typically, this should occur within about three weeks of the examination date.
2. The comprehensive examination committee chair will be responsible for notifying students of the examination results in a timely manner. Other Committee members should treat all exam information in the strictest confidence.

3. After a student successfully completes the written and oral components of the comprehensive examination, the comprehensive examination committee chair will be responsible for notifying the Troy University Dean of the Graduate School.

ADMISSION TO DOCTORAL CANDIDACY

Students seeking to enter Doctoral Candidacy must have:

1. Completed all coursework with a GPA of 3.0 or higher; and
2. Passed the comprehensive exams

DISSERTATION PROPOSAL

The members of the Dissertation Committee should be appointed as soon as possible after the student has begun doctoral work, and in general, no later than the end of five terms into the program. The proposal is a document that formally presents the student's written description of the projected doctoral dissertation. The dissertation committee is responsible for reviewing the proposal to determine the feasibility of the project. The committee's approval endorses the research plan and indicates the committee supports initiating or continuing the dissertation project.

Doctoral Dissertation Committee

When the dissertation has been approved by all members of the Dissertation committee, the student with the approval of the Dissertation chair will determine the date, time, and site of the oral Dissertation defense. All members of the defense committee must receive a copy of the candidate's dissertation at least two weeks prior to the scheduled defense. If the student does not pass the oral dissertation defense, a subsequent oral defense may be scheduled at the discretion of the Dissertation chair. Only after the student has successfully defended the dissertation will the members of the dissertation committee sign the Dissertation Acceptance Page(s). The oral Dissertation defense must occur at least four weeks before the intended date of graduation/commencement.

Writing the Dissertation

The dissertation proposal indicates the student's commitment to the dissertation advisory committee to complete the proposed project in a reasonable timeframe, generally a year or more. The most recent edition of the American Psychological Association (APA) will be the only writing style accepted in writing the dissertation. Additionally, a 12 point font Times New Roman font should be used consistently throughout the document. The student is encouraged to review the dissertation guidelines on the Troy University Graduate school website for further information.

The drafts of the dissertation will only be reviewed by all members of the dissertation committee. Feedback and suggestions from the dissertation committee members should be incorporated until the draft is considered acceptable by all members of the committee. The student should anticipate review by the dissertation committee and the incorporation of feedback to consume approximately two to three weeks.

Students must be continuously enrolled for a minimum of 1 credit hour in Dissertation (SM 8860) per term during and including the

semester in which they successfully defend their dissertation. Dissertation credit hours may exceed but may not be less than the minimum of 18 term hours. For example, if students attain 18 dissertation credits but do not successfully defend their dissertation, they will be required to enroll in at least one credit hour of in Dissertation (SM 8860) until they successfully defend their dissertation. If a student fails to maintain the continuous enrollment requirement, he or she may be required to undergo re-admittance into the Ph.D. program.

Dissertation Defense

The defense provides the candidate with an opportunity to address the components of the dissertation such as the introduction, importance of the study, methodology, results, and discussion/conclusion. The work must be of publishable quality using the Graduate School's format requirements. To complete their degree, each doctoral candidate is required to prepare, present, and orally defend a dissertation that shows independent investigation. Upon completion of the dissertation, the student must successfully complete an oral defense pertaining to the dissertation research.

When the dissertation has been approved by all members of the Dissertation committee, the student with the approval of the Dissertation chair will determine the date, time, and site of the oral Dissertation defense. All members of the defense committee must receive a copy of the candidate's dissertation at least two weeks prior to the scheduled defense. If the student does not pass the oral dissertation defense, a subsequent oral defense may be scheduled at the discretion of the Dissertation chair. Only after the student has successfully defended the dissertation will the members of the dissertation committee sign the Dissertation Acceptance Page(s). The dissertation chair will notify the Dean of the Graduate School at least one week in advance of the scheduled oral Dissertation defense. **The oral Dissertation defense must occur at least four weeks before the intended date of graduation/commencement.** Due to distance constraints, if the student cannot physically be on the Troy campus for the dissertation defense, the student is responsible to arrange technology such as Skype, WebEx or Jigsaw, per the dissertation committee approval, for the dissertation defense.

After Dissertation Defense

Dissertations must be written in English and must be acceptable in form and content to present to the Dissertation Committee and to the Graduate School. The work must be of publishable quality and must be in a form suitable for publication, using the Graduate Schools' format requirements. The Dissertation must be reviewed by the Graduate School for adherence to Dissertation formatting requirements (Appendix C in the Dissertation Guidelines). The student must submit a flawless copy to the Graduate School (Adams Administration Building, Room 231, Troy campus) for format review. The appropriate number of "Dissertation Acceptance Pages" and "Human and Animal Review Forms" with appropriate original signatures should be submitted along with Dissertation. The last date a fully approved Dissertation may be submitted to the Dean of the Graduate School is three (3) full weeks prior to the date of graduation. **THIS DEADLINE IS NOT NEGOTIABLE.** The student is responsible for checking the University academic calendar for relevant deadlines for commencement for the semester in which he

or she plans to graduate (troy.edu/records/graduation/graduation-information.html).

PLAGIARISM

The awarding of a university degree attests that an individual has demonstrated mastery of a significant body of knowledge and skills of substantive value to society. Any type of dishonesty in securing those credentials therefore invites serious sanctions, up to and including suspension and expulsion (see Standard of Conduct in each TROY Catalog). Examples of dishonesty include actual or attempted cheating, plagiarism*, or knowingly furnishing false information to any university employee.

*Plagiarism is defined as submitting anything for credit in one course that has already been submitted for credit in another course, or copying any part of someone else's intellectual work - their ideas and/or words - published or unpublished, including that of other students, and portraying it as one's own. Proper quoting, using strict APA formatting, is required.

Plagiarism is a very serious offense that Troy University does not tolerate. Evidence of plagiarism may prevent granting of a degree.

ACADEMIC SUSPENSION

Graduate students may earn no more than six term hours of grades below "B". Students who earn more than six term hours of "C" grades or below are automatically academically suspended from the University for a period of one calendar year, at which time the student may petition the Dean of the Graduate School for readmission.

Conditionally admitted students who do not attain a 3.0 grade point average (4.0 scale) at the completion of six term hours will be academically suspended from the University for a period of one calendar year at which time the student may petition the Dean of the Graduate School for readmission.

Students who are academically suspended are prohibited from attending the Graduate School or any academic level of the University for a period of one calendar year. Any courses taken at another university during the time of academic suspension will not be accepted for credit.

Further information may be found in the Troy University Catalog.

READMISSION

For any student seeking readmission into the program, he or she must meet all degree requirements current at the time of readmission. Further information regarding readmission procedures may be found in the Troy University Catalog.

COMPLETION REQUIREMENTS

Doctoral Core (15 sh)

All students will be required to take and achieve a minimum grade of "B" in each of the following doctoral core classes:

SM 8812	3	Seminar in Sport Marketing
SM 8814	3	Seminar in Sport Finance

SM 8816	3	Seminar in Organizational Behavior and Leadership
SM 8820	3	Seminar in Legal Aspects of Sport
SM 8822	3	Seminar in Sport Management Pedagogy

Research and Statistics Requirements (15 sh)

All students will be required to take and achieve a minimum grade of "B" in each of the following research and statistics courses:

SM 8803	3	Quantitative Research in Sport Management
SM 8805	3	Qualitative Research in Sport Management
SM 8810	3	Seminar in Applied Statistics in Sport Management
SM 8835	3	Seminar in Advanced Statistics in Sport Management

- Elective (*The student, in consultation with the major advisor, must select a minimum of three hours of advisor approved electives of research courses*).

Cognate Area Requirements (12-18 sh)

Ph.D. Sport Management students may choose a traditional cognate area or a Business Cognate area:

1. **Traditional Cognate Area (12 sh):** This option allows doctoral students an opportunity to identify 12 hours of courses to further their expertise. With the approval of the major advisor, students have an option to complete 6000 level courses or higher from varied discipline offerings.
2. **Business Cognate Area (18 sh):** This option allows doctoral students an opportunity to identify 18 hours of courses to further their expertise within a focused area of Business. With the approval of the major advisor, students have an option to complete 6000 level courses in the following areas: BUS, FIN, HRM, QM, ECO, MGT, MKT, and/or MSM.

Traditional Cognate Area Requirements (12 sh)

The cognate area represents the area of specialization that the student wishes to pursue. In consultation and with approval of the major advisor, the student will select four graduate level classes to fulfill the 12 credit cognate area requirement. Cognate areas may include, but are not limited to, Sport Organization Behavior/ Theory, Sport Marketing, Sport Finance, Legal Aspects of Sport, Athletic Administration, Sport Communication, or Sport Tourism.

Business Cognate Area Requirements (18 sh)

The business cognate area represents a business area of specialization that the student wishes to pursue. In consultation with the approval of the major advisor, students have an option to complete 6000 level courses in the following areas: BUS, FIN, HRM, QM, ECO, MGT, MKT, and/or MSM.

**Students choosing the business cognate area requirement will only enroll in 12 hours of dissertation requirements.*

Comprehensive Examination (0 sh)

Dissertation Requirements (12-18 sh)

- Dissertation Requirements for Traditional Cognate Area (18 sh)

- Dissertation Requirements for Business Cognate Area (12 sh)

Total Hours: 60 semester hours

GRADUATE CERTIFICATE IN BUSINESS EXCHANGE

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts
• Choose 2 graduate ECO courses • Choose 1 graduate FIN course		

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcript

GRADUATE CERTIFICATE IN CYBERSECURITY MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts
IS 6670	3	Security Operations
IS 6671	3	Asset Security
IS 6680	3	Security and Risk Management

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcript

GRADUATE CERTIFICATE IN HUMAN RESOURCE MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts
HRM 6605	3	Legal Environment of Employment Decisions
HRM 6622	3	Workforce Planning and Staffing
HRM 6623	3	Talent Development

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcript

GRADUATE CERTIFICATE IN MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts

MSM 6610	3	Theories of Organizational Behavior
MGT 6670	3	Seminar in International Management
MGT 6681	3	Organization Development and Change

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcript

GRADUATE CERTIFICATE IN SPORT MANAGEMENT

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts
SM 6600	3	Foundations of Sport Management
SM 6630	3	Applied Sport Analytics
SM 6640	3	Sport Marketing

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcript

The Heersink Family Graduate Certificate Program in Health Ser- vices Management

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Graduate Certificate of Health Services Management prepares students with the underlying business knowledge and skills required to manage a contemporary healthcare practice/clinic enterprise. The Graduate Certificate of Health Services Management consist of courses offered by Troy University's Sorrell College of Business and requires a minimum of 12 semester hours for completion.

Admission Requirements

All Certificate students must be admitted to the graduate school. Please consult the Graduate Program Admissions Classifications section for additional information.

Certificate Requirements

Students may qualify for the Health Services Management Certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The Health Services Management Certificate requires 12 semester hours of coursework as described below.

BUS 6600	3	Survey of Business Concepts
HSA 6635	3	Strategic Management in Health Care Organizations
HSA 6683	3	Healthcare Economics
HSA 66XX	3	Choose 3 additional semester hours of 6600 level HSA electives

Other Requirements

Students who wish to be issued a certificate must submit the following to their home campus:

- Certificate of Intent
- Copy of Student Transcripts

2025-2026

TROY UNIVERSITY
Master Of Accountancy
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-267
 Revised 1/2025
 Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. All credit earned within 8 years of graduation
2. Unconditional Admission	7. Completion of capstone with a grade of "B" or better
3. 30 Semester hours of credit	8. A grade of "B" or better on research requirement
4. No more than two grades below "B"	9. Graduation Application filed
5. Overall GPA of 3.0	

BUSINESS FOUNDATION COURSES: MUST BE COMPLETED BEFORE 6000 LEVEL COURSES ARE ATTEMPTED.

Foundation courses or their equivalent **are required for students with non-business undergraduate degrees**. Foundation coursework must not be older than eight years and should be completed at a school holding regional accreditation for its business programs.

☐ Requires Foundation coursework to be completed ☐ Waiver of Foundation coursework granted (attach proof)

UNDERGRADUATE FOUNDATION COURSES:

Note: To remain eligible for Federal Financial Aid, all undergraduate courses or equivalents MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
FIN 3331	Financial Management I	3			
ACT 2291	Principles of Accounting I	3			
ECO 2251/2252	Principles of Microeconomics or Macroeconomics	3			
QM 2241	Business Statistics I	3			

ACCOUNTING FOUNDATIONS COURSES: Accounting Foundation courses or their equivalent are required for students with non-accounting undergraduate degrees. *Note: To remain eligible for Federal Financial Aid, all undergraduate courses or equivalents MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.*

☐ Requires Accounting Foundation coursework to be completed ☐ Waiver of Accounting Foundation coursework granted (attach proof)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
ACT 2292	Principles of Accounting II	3			
ACT 3391	Intermediate Accounting I	3			
ACT 3392	Intermediate Accounting II	3			
ACT 3394	Governmental Accounting	3			
ACT 3396	Accounting Information Systems	3			
ACT 4494	Income Tax Accounting I	3			
ACT 4495	Income Tax Accounting II	3			
ACT 4497	Auditing	3			

REQUIRED COURSES: (24 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
ACT 6651	Accounting Systems and Control	3			
ACT 6652	Financial Accounting Research	3			
ACT 6653	Advanced Financial Reporting & Analysis	3			
ACT 6654	Advanced Auditing & Assurance Services	3			
ACT 6656	Professional Certification I	3			
ACT 6657	Professional Certification II	3			
ACT 6684	Federal Tax Research	3			
ACT 6699	Contemporary Issues in Accounting	3			

ELECTIVES: (6 Semester Hours)

With advisor approval, select two courses from any 6000-level business course with prefix ACT, ECO, FIN, HRM, IS, MGT, or QM for which prerequisites have been met. Other courses as approved by advisor.

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Petition for transfer credit once unconditionally admitted
- ☐ 6. Class attendance
- ☐ 7. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 8. Petition for an incomplete grade
- ☐ 9. Student participation in course and program evaluation

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Sorrell MBA in Analytics
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-327
 Created 1/2025
 Page 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 33 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of capstone courses with a grade of "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (24 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
ECO 6655	Managerial Economics for the Global Manager	3			
ECO 6632	Econometrics ** (<i>research course</i>)	3			
FIN 6631	Global Financial Management	3			
BA 6662	Big Data Analytics and Business Decision Support	3			
QM 6640	Data Analysis for Global Managers	3			
MKT 6661	Global Strategic Marketing	3			
BUS 6611	Global Business Strategy** (<i>capstone course</i>)	3			

* A grade of "B" or better is required

ELECTIVES (9 sh)

Choose 9 hours of graduate business courses that focus on industry-specific coursework that aligns with their career.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Sorrell MBA- Music Industry
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-327

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 36 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of capstone courses with a grade of "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (18 SH)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
ECO 6655	Managerial Economics for the Global Manager	3			
FIN 6631	Global Financial Management	3			
QM 6640	Data Analysis for Global Managers	3			
MKT 6661	Global Strategic Marketing (<i>research course</i>)	3			
BUS 6611	Global Business Strategy** (<i>capstone course</i>)	3			

*A grade of "B" or better is required

MUSIC INDUSTRY CURRICULUM (18 SH)**Required Courses (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MUI 6614	Music Publishing	3			
MUI 6618	Advanced Music Technologies	3			
MUI 6640	The Business of Music: Entrepreneurship Through American Music, Media, and Entertainment	3			
MUI 6645	Legal Aspects of the Music Industry	3			

Electives (6 Sh)

Choose 6 hours from the following: MUI 6610, MUI 6612, MUI 6616, MUI 6620, MUI 6622, and MUI 6630.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Prerequisite foundation course requirement and waiver options
☐ 5. Specific Restrictions and Requirements for Accounting Concentration
☐ 6. Petition for transfer credit once unconditionally admitted
☐ 7. Class attendance
☐ 8. Drop and Withdrawal procedures; deadlines and consequences
☐ 9. Petition for an incomplete grade
☐ 10. Student participation in course and program evaluation
☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Sorrell Master of Business Administration
 Graduate Degree Plan
30-33 Semester-Hour Program

TROY Publication 384-327

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30-33 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
ACT 6691	Financial and Managerial Accounting for the Global Manager	3			
FIN 6631	Global Financial Management	3			
QM 6640	Data Analysis for Global Managers	3			
ECO 6655	Managerial Economics for the Global Manager	3			
MKT 6661	Global Strategic Marketing** (<i>research course</i>)	3			
BUS 6611	Global Business Strategy** (<i>capstone course</i>)	3			

* A grade of "B" or better is required

CONCENTRATION OPTIONS (*choose one concentration from the below*)☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

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☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

☐ **Artificial Intelligence (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
AI 6600	Machine Learning and AI	3			
AI 6620	Data Visualization and Communication	3			
AI 6630	Generative AI	3			
AI 6650	AI Project Management Low Code/No Code	3			

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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Human Resource Management
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-329

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, test scores admitted
2. Official transcript(s)
3. Unconditional Admission
4. 30 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Completion of capstone courses with a grade of "B" or better
11. Graduation Application filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development *	3			
HRM 6632	Compensation and Benefits	3			
MGT 6681	Organization Development and Change	3			
HRM 6698	Strategic Human Resource Management *	3			

*A grade of "B" or better is required

CONCENTRATION OPTIONS (choose one concentration from the below)
☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

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☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Artificial Intelligence
 Graduate Degree Plan
30 Semester-Hour Program

Created 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 30 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of capstone courses with a grade of "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

REQUIRED ARTIFICIAL INTELLIGENCE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
AI 6600	Machine Learning and AI	3			
AI 6610	Machine Intelligence Platforms	3			
AI 6620	Data Visualization and Communication	3			
AI 6630	Generative AI	3			
AI 6640	Deep Learning	3			
AI 6650	AI Project Management Low Code/No Code	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Prerequisite foundation course requirement and waiver options
☐ 5. Specific Restrictions and Requirements for Accounting Concentration
☐ 6. Petition for transfer credit once unconditionally admitted
☐ 7. Class attendance
☐ 8. Drop and Withdrawal procedures; deadlines and consequences
☐ 9. Petition for an incomplete grade
☐ 10. Student participation in course and program evaluation
☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Business Exchange
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-272

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 30 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of capstone courses with a grade of "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

BUSINESS EXCHANGE REQUIRED COURSES (9 sh) See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

CONCENTRATION OPTIONS (choose one additional concentration from the below)☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

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☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Prerequisite foundation course requirement and waiver options
☐ 5. Specific Restrictions and Requirements for Accounting Concentration
☐ 6. Petition for transfer credit once unconditionally admitted
☐ 7. Class attendance
☐ 8. Drop and Withdrawal procedures; deadlines and consequences
☐ 9. Petition for an incomplete grade
☐ 10. Student participation in course and program evaluation
☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Cybersecurity Management
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-272

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

CYBERSECURITY MANAGEMENT REQUIRED COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

CONCENTRATION OPTIONS (choose one additional concentration from the below)
☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

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TROY UNIVERSITY
Master of Science in Management
General Business
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-272

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

GENERAL BUSINESS REQUIRED COURSES (9 sh) Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

CONCENTRATION OPTIONS (choose one additional concentration from the below)

☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

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☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Health Services Management
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-272

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

HEALTH SERVICES MANAGEMENT REQUIRED COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

CONCENTRATION OPTIONS (choose one additional concentration from the below)☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

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☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Human Resource Management
 Graduate Degree Plan
30 Semester-Hour Program

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

CONCENTRATION OPTIONS (choose **one** additional concentration from the below)☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

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☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

☐ **Leadership (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Master of Science in Management
Leadership
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-272

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6681	Organization Development and Change	3			
MSM 6650	Strategic Management * (<i>Must be taken in last term</i>)	3			

* A grade of "B" or better is required

Leadership REQUIRED COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6655	Advanced Leadership	3			

CONCENTRATION OPTIONS (choose one additional concentration from the below)
☐ **Business Exchange (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECO 66XX	Graduate Economics Elective	3			
ECO 66XX	Graduate Economics Elective	3			
FIN 66XX	Graduate Finance Elective	3			

☐ **Cybersecurity Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

☐ **General Business (9 sh)** Choose 3 approved graduate business courses. See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

2025-2026

MS in Management-Leadership
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☐ **Health Services Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA Elective	3			

☐ **Human Resource Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6605	Legal Environment of Employment Decisions	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Talent Development	3			

☐ **International Relations (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			
IR 66XX	Graduate International Relations Elective	3			

☐ **Public Administration (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6610	Ethical Leadership and Management in a Global Economy	3			
PA 66XX	Graduate Public Administration Elective	3			
PA 66XX	Graduate Public Administration Elective	3			

☐ **Sport Management (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

☐ **Strategic Communication (9 sh)** See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 6601	Introduction to Strategic Communication	3			
COM 66XX	Graduate Strategic Communication Elective	3			
COM 66XX	Graduate Strategic Communication Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Prerequisite foundation course requirement and waiver options
☐ 5. Specific Restrictions and Requirements for Accounting Concentration
☐ 6. Petition for transfer credit once unconditionally admitted
☐ 7. Class attendance
☐ 8. Drop and Withdrawal procedures; deadlines and consequences
☐ 9. Petition for an incomplete grade
☐ 10. Student participation in course and program evaluation
☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Sport Management
Sport Management Concentration
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-337

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of capstone courses with a grade of "B" or better
10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6604	Statistical Analysis and Interpretation	3			
SM 6617	Research Methods I (<i>"B" or better is required</i>)	3			
SM 6691	Research Method II	3			

SPORT MANAGEMENT COURSES (18 sh) *See Graduate Catalog for approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			

SPORT MANAGEMENT THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6694	Thesis I	3			
SM 6695	Thesis II	3			

SPORT MANAGEMENT NON-THESIS OPTION (6 sh) *See Graduate Catalog for approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Prerequisite foundation course requirement and waiver options
- ☐ 5. Specific Restrictions and Requirements for Accounting Concentration
- ☐ 6. Petition for transfer credit once unconditionally admitted
- ☐ 7. Class attendance
- ☐ 8. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 9. Petition for an incomplete grade
- ☐ 10. Student participation in course and program evaluation
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Sport Management
Collegiate Sport Management Concentration
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-337

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 36 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirements	9. Completion of capstone courses with a grade of "B" or better
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6600	Foundations of Sport Management	3			
SM 6604	Statistical Analysis and Interpretation	3			
SM 6617	Research Methods I (<i>"B" or better is required</i>)	3			
SM 6691	Research Method II	3			

COLLEGIATE SPORT MANAGEMENT REQUIRED COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6610	Sport and the Law	3			
SM 6616	Sport Finance	3			
SM 6644	Human Resource Management in Sport	3			
SM 6675	NCAA Governance, Compliance and Institutional Control	3			
SM 6680	Practicum Sport Management	3			
SM 6690	Internship	3			

COLLEGIATE SPORT MANAGEMENT THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 6694	Thesis I	3			
SM 6695	Thesis II	3			

COLLEGIATE SPORT MANAGEMENT NON-THESIS OPTION (6 sh) *See Graduate Catalog for approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 66XX	Sport Management Elective	3			
SM 66XX	Sport Management Elective	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Prerequisite foundation course requirement and waiver options
☐ 5. Specific Restrictions and Requirements for Accounting Concentration
☐ 6. Petition for transfer credit once unconditionally admitted
☐ 7. Class attendance
☐ 8. Drop and Withdrawal procedures; deadlines and consequences
☐ 9. Petition for an incomplete grade
☐ 10. Student participation in course and program evaluation
☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

TROY Publication 384-340
Revised 1/2025
Page 1 of 2

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2025-2026

Ph.D. in Sport Management
 Traditional Cognate Area
 Revised 1/2025
 Page 2 of 3

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for master's credit once unconditionally admitted
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Selection of major advisor
- ☐ 9. Selection of dissertation committee
- ☐ 10. Petition for transfer credit from another doctoral sport management program
- ☐ 11. Comprehensive exam
- ☐ 12. Dissertation proposal
- ☐ 13. Dissertation defense
- ☐ 14. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Test Scores		
Comprehensive Exam		
Dissertation proposal		
Dissertation defense		

2025-2026

TROY UNIVERSITY
Doctor of Philosophy in Sport Management
Business Cognate Area
Degree Plan
60 Semester-Hour Program

TROY Publication 384-340

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. GRE, or equivalent exam, test scores submitted
4. 60 Semester hours of credit
5. Complete New Student Orientation
6. All credit earned within 8 years of graduation
7. Passed comprehensive exam
8. Research topic approved by Dissertation Committee
9. Dissertation proposal approved by committee
10. Admission to candidacy
11. Successfully defend dissertation within 8 years of program start date
12. No more than two grades below "B"
13. A minimum overall GPA of 3.0
14. Graduation Application filed

DOCTORAL CORE (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 8822	Seminar in Sport Management Pedagogy	3			
SM 8812	Seminar in Sport Marketing	3			
SM 8814	Seminar in Sport Finance	3			
SM 8816	Seminar in Organizational Behavior and Leadership	3			
SM 8820	Seminar in Legal Aspects of Sport	3			

RESEARCH AND STATISTICS REQUIREMENTS (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 8803	Quantitative Research in Sport Management	3			
SM 8805	Qualitative Research in Sport Management	3			
SM 8810	Seminar in Applied Statistics in Sport Management	3			
SM 8835	Seminar in Advanced Statistics in Sport Management	3			
SM XXXX	Advisor Approved Elective	3			

BUSINESS COGNATE AREA (18 sh)

In consultation and with approval of the major advisor, students have an option to complete 6000 level courses in the following areas: BUS, FIN, HRM, QM, ECO, MGT, MKT, and/or MSM.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM XXXX		3			
SM XXXX		3			
SM XXXX		3			
SM XXXX		3			

SYNTHESIS AND EVALUATION (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SM 8860	Dissertation (May be repeated for a total of 18 SH)	3			
SM 8860	Dissertation (May be repeated for a total of 18 SH)	3			
SM 8860	Dissertation (May be repeated for a total of 18 SH)	3			
SM 8860	Dissertation (May be repeated for a total of 18 SH)	3			

2025-2026

Ph.D. in Sport Management
 Business Cognate Area
 Revised 1/2025
 Page 2 of 3

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for master's credit once unconditionally admitted
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadline and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Selection of major advisor
- ☐ 9. Selection of dissertation committee
- ☐ 10. Petition for transfer credit from another doctoral sport management program
- ☐ 11. Comprehensive exam
- ☐ 12. Dissertation proposal
- ☐ 13. Dissertation defense
- ☐ 14. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Test Scores		
Comprehensive Exam		
Dissertation proposal		
Dissertation defense		

2025-2026

Created 1/2025

Page 1 of 1

TROY UNIVERSITY
Graduate Certificate in Business Exchange
 Certificate Plan and Progress Record
 Certificate Verification
12 Semester-Hour Program

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
ECO 66XX	ECO elective	3			
ECO 66XX	ECO elective	3			
FIN 66XX	FIN elective	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Graduate Certificate in General Business
Certificate Plan and Progress Record
Certificate Verification
12 Semester-Hour Program

Created 1/2025
Page 1 of 1

Name: Student ID#: Campus:

Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School

2. Official transcript(s)

3. Unconditional Admission

4. 12 Semester hours of credit
5. Meet residency requirements

6. No more than two grades below "B"

7. Overall GPA of 3.0

8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
	Approved Business Elective	3			
	Approved Business Elective	3			
	Approved Business Elective	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission

☐ 2. Availability of faculty for academic advising

☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)

☐ 4. Class attendance

☐ 5. Drop and Withdrawal procedures; deadlines and consequences

☐ 6. Petition for an incomplete grade

☐ 7. Student participation in course and program evaluation

☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Cybersecurity
Management

Certificate Plan and Progress Record

Certificate Verification

12 Semester-Hour Program

Created 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
IS 6670	Security Operations	3			
IS 6671	Asset Security	3			
IS 6680	Security and Risk Management	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Human Resource
Management
 Certificate Plan and Progress Record
 Certificate Verification
12 Semester-Hour Program

Created 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
HRM 6605	Legal Environment of Employment Decision	3			
HRM 6622	Workforce Planning and Staffing	3			
HRM 6623	Talent Development	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Management
 Certificate Plan and Progress Record
 Certificate Verification
12 Semester-Hour Program

Created 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
MSM 6610	Theories of Organizational Behavior	3			
MGT 6670	Seminar in International Management	3			
MGT 6681	Organization Development and Change	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)
- ☐ 4. Class attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Sport Management
Certificate Plan and Progress Record
Certificate Verification
12 Semester-Hour Program

Created 1/2025
Page 1 of 1

Name: Student ID#: Campus:

Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School

2. Official transcript(s)

3. Unconditional Admission

4. 12 Semester hours of credit
5. Meet residency requirements

6. No more than two grades below "B"

7. Overall GPA of 3.0

8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
SM 6600	Foundations of Sport Management	3			
SM 6630	Applied Sports Analytics	3			
SM 6640	Sport Marketing	3			

* A grade of "B" or better is required

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission

☐ 2. Availability of faculty for academic advising

☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)

☐ 4. Class attendance

☐ 5. Drop and Withdrawal procedures; deadlines and consequences

☐ 6. Petition for an incomplete grade

☐ 7. Student participation in course and program evaluation

☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
The Heersink Family Graduate Program
in Health Sciences Management
Certificate Plan and Progress Record
Certificate Verification
12 Semester-Hour Program

TROY Publication 384-266
Revised 1/2025
Page 1 of 1

Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Admitted to the Graduate School

2. Official transcript(s)

3. Unconditional Admission

4. 12 Semester hours of credit
5. Meet residency requirements

6. No more than two grades below "B"

7. Overall GPA of 3.0

8. All credits earned within 8 years of graduation

REQUIRED CERTIFICATE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts * (<i>Must be taken during first term</i>)	3			
HSA 6635	Strategic Management in Health Care Organizations	3			
HSA 6683	Healthcare Economics	3			
HSA 66XX	HSA elective	3			

** A grade of "B" or better is required*

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission

☐ 2. Availability of faculty for academic advising

☐ 3. Petition for transfer credit once unconditionally admitted (3 SH maximum)

☐ 4. Class attendance

☐ 5. Drop and Withdrawal procedures; deadlines and consequences

☐ 6. Petition for an incomplete grade

☐ 7. Student participation in course and program evaluation

☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES

The College of Education and Behavioral Sciences offers teacher education programs that lead to certification as well as non-certification programs in graduate study. Offerings reflect a flexible program of current curricula, educational plans, and requirements, which may be altered as warranted by changes in the professions and accrediting agencies. As regulating agencies (e.g.,

Alabama State Department of Education, CAEP, CACREP, and CORE) modify standards and expectations, programs may be modified during a candidate's period of study. At such time, candidates may be subject to revised program or certification requirements. The purpose of all College of Education and Behavioral Sciences graduate programs is to develop innovative, informed, reflective, global, and effective decision makers.

TEACHER CERTIFICATION PROGRAMS							
Approved by the Alabama State Department of Education							
	Semester Hours		Alabama Campuses				
Master of Science in Education (MSEd)	Trad	Alt A	Dothan	Montgomery	Troy	Support Sites	Troy Online
Elementary Education (K-6)	36 ^	45			X ^^		X
Early Childhood Education (P-3)	36	45					X
Collaborative/Special Education Teacher (K-6)	36 ^^	45			X ^^		X
Collaborative/Special Education Teacher (6-12)	36 ^^	45			X ^^		X
Secondary Education (6-12)							
Biology	36	45			X ^^		
History	36	45			X ^^		X
English/Language Arts	36	45			X ^^		X
Mathematics	36	45			X ^^		X
Social Science	36	45			X ^^		X
Interdisciplinary Programs (P-12)							
Art	36	45			X ^^		
Music Instrumental	36	45			X ^^		
Music Vocal/Choral	36	45			X ^^		
Physical Education	36	45			X ^^		
Gifted Education	30^	---					X ^
Instructional Support Programs (P-12)							
Instructional Leadership and Administration	30	---					X
Instructional Leadership and Administration Reduced Hour Option for Certification	18	---					X
School Counseling	60	---					X
Education Specialist (EdS)							
Elementary Education (K-6)	36	---					X
Early Childhood Education (P-3)	36						X
Teacher Leader (P-12)	30 ^^						X
Instructional Support Programs (P-12)							
Instructional Leadership and Administration	30						X
School Counseling	30	---					X

* Please refer to Troy University Admissions for specific program availability by location

^Traditional program offered online through Global Campus

^^ Offered as blended program. A blended program combines both online and face-to-face courses in the required program of study.

ADULT EDUCATION							
Master of Science (MS)	Hours	Dothan	Montgomery	Phenix City	Troy	Support Sites*	Troy Online
Adult Education							
Curriculum Design and Instructional Technology	33/36						X
Leadership in Workforce Development	33/36						X
Adult Education Certificates	12						X
Curriculum and Instructional Design	12						X
Instructional Technology	12						X
Leadership Studies	12						X
Workforce Development	12						X

COUNSELING PROGRAMS							
Program Specialty	Hours	Dothan	Montgomery	Phenix City	Troy	Support Sites	Troy Online
Clinical Mental Health	60						X
Rehabilitation Counseling	60						X
School Counseling (MSEd)	60						X
Addictions Counseling Certificate	15						X
Post Masters Certificate in Clinical Mental Health Counseling	18						X
Post Master's Certificate in Counseling Military Populations	15						X
Certificate in Rehabilitation and Deaf/Hard of Hearing Studies	15						X
Certificate in Infant and Early Childhood Mental Health Counseling	15						X
Education Specialist (EdS)							X
Counseling	30						X
School Counseling	30						X

PSYCHOLOGY PROGRAMS							
Program	Trad	Dothan	Montgomery	Phenix City	Troy	Support Sites	Troy Online
Psychology	33/36						X

BEHAVIORAL SCIENCES PROGRAMS							
Program	Trad	Dothan	Montgomery	Phenix City	Troy	Support Sites	Troy Online
Criminal Justice	30	X^^					X
International Relations	36						X
Public Administration	36						X
Social Science	36				X^^		X
Certificate in Public Health Administration	18						X

^^ Offered as blended program. A blended program combines both online and face-to-face courses in the required program of study.

DOCTOR OF PHILOSOPHY (PHD)							
Program	Trad	Dothan	Montgomery	Phenix City	Troy	Support Sites	Troy Online
Criminology	60						X
Global Leadership	63						X

*Please refer to Troy University Admissions for specific program availability by location.

ACCREDITATION

Council for Accreditation of Counseling and Related Educational Programs (CACREP)

The Master of Science in Counseling degree program in Clinical Mental Health Counseling, the Master of Science degree program in Rehabilitation Counseling, and the Master of Science in Education in School Counseling are CACREP accredited.

Council for the Accreditation of Educator Preparation (CAEP)

The Educator Preparation Provider (EPP) at the Troy, Dothan, and Montgomery campuses and the Master of Science in School Counseling degree program are accredited by the Council for the Accreditation of Educator Preparation (CAEP). This accreditation covers initial teacher preparation and advanced education preparation programs. CAEP is recognized by the US Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel.

TEACHER CERTIFICATION

All teacher education certification programs are approved by the Alabama State Department of Education. Students seeking teacher certification should refer to the specific program for eligibility and program completion requirements. Only those students who are properly admitted to an approved teacher certification program and complete all current requirements will be recommended for certification.

The purpose of all certification programs in the College of Education is to develop practicing master teachers, instructional support personnel, and education specialists who more effectively serve students in P-12 settings. As master teachers, instructional support personnel, and education specialists, they participate as leaders in their schools and contribute to their profession.

College of Education students in Troy Global Campus must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (CAEP, CACREP and CORE). Up to 12 hours of coursework completed at a site/university without appropriate specialized accreditation may be considered for application toward program completion. See TRANSFER CREDIT section for additional information.

Certification In Alabama

Candidates completing an approved teacher certification program are eligible to apply for the Alabama Class A professional certificate, provided they meet the following:

- For Class A program completion, a minimum GPA of 3.25 overall is required for candidates unconditionally admitted to a program.
- For Class AA program completion, a minimum GPA of 3.5 overall is required for candidates unconditionally admitted.
- A grade of "C" or better in all coursework which applies to certification.
- A grade of "B" or better in the research requirements for the program.
- Any "D" earned in a teaching field course must be successfully repeated with a grade of "C" or better.
- Successful completion of the Praxis II examination in all areas of initial certification.
- Successful completion of internship in all areas of initial certification
- All teacher candidates seeking initial certification in the state of Alabama must achieve a passing score, set by the Alabama State Department of Education, on the Teacher Performance Assessment edTPA.

Any candidate who applies for a professional certificate is subject to all regulations set forth by the Alabama State Department of Education. These regulations may include a comprehensive background check, verification of appropriate experience, and prior certification specific to the certification sought. Additional requirements (e.g., standardized examinations to demonstrate content mastery) may be added as the Alabama State Board of Education and other accrediting agencies modify regulations. Candidates should consult their education adviser for details.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

Certification In Other States

Other states may grant professional certification to candidates completing the Troy University teacher education program. Some states may have additional requirements. Candidates seeking certification in other states should contact the appropriate State Department of Education.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is

the only Troy University official authorized to recommend candidates for certification in any state.

FINGERPRINTING REQUIREMENT

Any candidate applying for admission to a State-approved program is required to be fingerprinted for a criminal history back-ground check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI) pursuant to Act 2002-457. Fingerprinting must be done prior to conduction of observations in P-12 schools.

ADMISSION REQUIREMENTS FOR COLLEGE OF EDUCATION

Unconditional admission to the Graduate School does not constitute unconditional admission to specific programs in the College of Education. Students seeking advanced degrees in the College of Education should refer to the admission requirements specific to the degree program.

TRANSFER CREDIT

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of "B" or better within eight years of graduation may be considered for application toward the degree. These courses must be comparable in catalog description to Troy University courses in the specific degree program and must be approved by the appropriate department chair and dean. If the Troy program holds specialized accreditation, all courses taken at other sites/institutions will be reviewed to ensure that they are eligible for credit under specialized accreditation requirements.

DEGREE REQUIREMENTS

Successful completion of the courses listed under each program area with an overall grade point average of 3.0 on a 4.0 scale is necessary to fulfill requirements for the degree. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may be retaken or another elective may be taken in its place.

PROGRAM COMPLETION REQUIREMENTS

All graduate programs require successful completion of specific end-of-program assessments. These assessments may include, but are not limited to, written comprehensive examinations, a portfolio, a thesis, a field project, and standardized examinations.

STATEMENT OF GUARANTEE FOR NEW EDUCATORS

Candidates who are recommended by Troy University for Alabama State Teacher Certification or other school personnel certification shall be granted remediation at no cost if:

1. Teaching or have employment in-field and at level of the awarded certificate;
2. Not meeting minimum criteria using the state evaluation system or state approved system evaluation;

3. Remediation is requested within two years of the valid date of the Professional Educator certificate, issued based on recommendation by the unit. In no case shall the unit be required to provide remediation for more than the first two years of employment.

MASTER OF SCIENCE IN EDUCATION (MSED)

TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAMS FOR TEACHERS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of the fifth-year certification program for teachers is to provide an opportunity for advanced study within their discipline for candidates who are seeking advanced certification in the same discipline/level in which they hold baccalaureate level professional educator certification.

ADVANCED CERTIFICATION AT THE MASTER'S LEVEL

The College of Education offers the Traditional Fifth-Year Master of Science in Education Program for candidates seeking advanced certification in the same discipline/level in which they hold baccalaureate level professional educator certification.

INITIAL CERTIFICATION AT THE MASTER'S LEVEL

For candidates seeking initial certification at the graduate level, or those who are seeking certification in an area or at levels other than those in which they hold baccalaureate level certification, the Alternative Fifth-Year (Alternative-A) Master of Science in Education Program is offered. See specific programs for any additional admissions and/or certification requirements.

In addition to the programs for teachers, fifth-year certification programs are offered in the following instructional support areas: Instructional Leadership & Administration and School Counseling.

ADMISSION REQUIREMENTS FOR TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAMS

Unconditional admission to the Graduate School does not constitute unconditional admission to any professional education program. In addition to the admission requirements for the Graduate School, candidates seeking admission to a traditional fifth year certification program for teachers must hold A valid bachelor's-level professional educator certificate in the same teaching field(s) in which the Class A Professional Educator Certificate is sought, except for special education, including Gifted. Temporary, provisional, and other nonrenewable certifications are not acceptable.

See specific program descriptions for any additional admission requirements.

Admission to the Graduate Teacher Education Program (GTEP)

The following documents will be submitted at the time the candidate applies for admission to the University. Teacher Education staff will approve the admission and remove the candidate's hold for taking graduate courses.

1. A valid bachelor's-level professional educator certificate in the same teaching field(s) in which the Class A Professional Educator Certificate is sought.
2. Successful completion of a criminal background check/
3. fingerprinting.

Candidates must clear university requirements for admission and the College of Education admission requirements listed above prior to enrolling in any graduate work. **There is no Conditional Admission for this program.**

Troy Global Campus students must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (CACREP).

CURRICULUM FOR THE TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAM FOR TEACHERS

Common Required Core (18 sh)

EDU 6629	3	The Master Teacher
PSY 6631	3	Psychological Foundations of Education
EDU 6611	3	Educational Technology in the Curriculum (or an approved technology course in the discipline)
SPE 6630	3	Collaboration Skills
EDU 6653	3	Educational Evaluation (or approved Evaluation course in the teaching field)
EDU 6691	3	Research Methodology * OR
EDU XXXX	3	Adviser approved research course in discipline*

*Must earn a grade of "B" or better.

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level. After July 1, 2017, a special education course must be at the graduate level.

EARLY CHILDHOOD EDUCATION (ECE) (GRADES P-3): 36 SH

Required Core Courses: (18 sh): See Common Required Core. (EDU 6629 must be taken as one of student's first four courses)

Teaching Field Courses: (15 sh)

- Select 9 semester hours of adviser-approved ECE courses
- Select 6 additional hours of adviser-approved ECE courses or other adviser-approved courses related to the profession (e.g., EDU, ELE, SPE, RED). A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript.

Note: At least nine semester hours of teaching field courses must be at the 6000 level.

Required Capstone Course: (3 sh)

ECE 6633 3 Integrated Thematic Curriculum (Must be taken as one of a student's final four courses and a grade of "B" or better is required.)

ELEMENTARY EDUCATION (ELE) (GRADES K-6): 36 SH

Required Core Courses: (18 sh): See Common Required Core.

(EDU 6629 must be taken as one of student's first four courses)

Teaching Field Courses: (15 sh)

- Select 9 semester hours of adviser-approved ELE courses.
- Select 6 additional hours of adviser-approved ELE courses or other adviser approved courses related to the profession (e.g., EDU, ECE, SPE, RED).

Note: A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript. At least nine semester hours of teaching field courses must be at the 6000 level.

Required Capstone Course: (3 sh)

ECE 6633 3 Integrated Thematic Curriculum (Must be taken as one of a student's final four courses and a grade of "B" or better is required.)

COLLABORATIVE/SPECIAL EDUCATION TEACHER (GRADES K-6): 36 SH

Additional Admission Information for Collaborative Teacher:

Candidates holding professional baccalaureate-level certification in any teaching field may be admitted to the Collaborative/Special Education Teacher Traditional Master's Program provided all other admission criteria are met. A candidate's prior coursework will be evaluated by the College of Education to determine if undergraduate coursework is required. All prerequisites must be satisfied prior to unconditional admission.

Required Core Courses: (15 sh)

EDU 6629	3	The Master Teacher
EDU 6691	3	Research Methodology
SPE 6630	3	Collaboration Skills
EDU 6653	3	Educational Evaluation
EDU 6611	3	Educational Technology in the Curriculum

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate or graduate level. After July 1, 2017, a special education course must be at the graduate level.

Select ONE: (3 sh)

PSY 6631	3	Psychological Foundations of Education
EDU 6645	3	The Nature of Intelligence

Teaching Field Courses: (12 sh)

SPE 6614	3	Adaptive Teaching Strategies for Students with Mild Disabilities K-6
SPE 6615	3	Adaptive Teaching Strategies for Students with Moderate/Severe Disabilities K-6
SPE 6616	3	Teaching Students with Emotional and Social Needs
SPE 6631	3	Legal Issues in Special Education

Required Capstone Course: (3 sh)

SPE 6697 3 Field Based Research Project

Select ONE: (3 sh)

RED 6672 3 Literacy Instruction: K-6 *

- XXX - Adviser-Approved Elective

* Required if not ELE or Reading Specialist certified

Practicum

Successful completion of a practicum is required for initial certification in all special education teaching fields by taking one of the following courses:

SPE 6694 3 Collaborative Teacher K-6 Practicum

SPE 6699 3 Collaborative Teacher K-6 Initial Practicum

COLLABORATIVE/SPECIAL EDUCATION TEACHER (GRADES 6-12): 36 SH**Additional Admission Information for Collaborative Teacher:**

Candidates holding professional baccalaureate-level certification in any teaching field may be admitted to the Collaborative/Special Education Teacher Traditional Master's Program provided all other admission criteria are met. A candidate's prior coursework will be evaluated by the College of Education to determine if undergraduate coursework is required. All prerequisites must be satisfied prior to unconditional admission.

Required Core Courses: (15 sh)EDU 6629 3 The Master Teacher (*must be taken as one of a student's first four courses*)

EDU 6691 3 Research Methodology *

SPE 6630 3 Collaboration Skills

EDU 6653 3 Educational Evaluation

EDU 6611 3 Educational Technology in the Curriculum

*Must earn a grade of "B" or better.

After July 1, 2017, a special education course must be at the graduate level.

Select ONE of the following: (3 sh)

PSY 6631 3 Psychological Foundations of Education

EDU 6645 3 The Nature of Intelligence

Teaching Field Courses: (15 sh)

SPE 6609 3 Content Enhancement

SPE 6620 3 Service Delivery Models for Multiple Disabilities

SPE 6616 3 Teaching Students with Emotional and Social Needs

SPE 6631 3 Legal Issues in Special Education

Required Capstone Course: (3 sh)

SPE 6697 3 Field Based Research Project

Select ONE of the following: (3 sh)

RED 6672 3 Literacy Instruction: K-6 *

- XXX - Adviser-Approved Elective

*Required if not ELE or Reading Specialists certified.

Practicum

Successful completion of a practicum is required for initial certification in all special education teaching fields by taking one of the following courses:

SPE 6695 3 Collaborative Teacher 6-12 Practicum

SPE 6698 3 Collaborative Teacher 6-12 Initial Practicum

SECONDARY EDUCATION (GRADES 6-12): 36 SH

Troy: Biology, History, English/Language Arts, Mathematics, Social Science

Required Core Courses: (18 sh): See Common Required Core.

(EDU 6629 must be taken as one of student's first four courses)

Teaching Field Courses: (18 sh)

Select 18 semester hours of adviser-approved courses specific to the major. Choices for major are biology, English/language arts, history, mathematics, and social science. A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript. At least nine semester hours of teaching field courses must be at the 6000 level.

Comprehensive degree programs (i.e., English/language arts, and social science) require course work in multiple disciplines. Candidates should consult their academic adviser regarding any specific course requirements in the teaching field.

INTERDISCIPLINARY EDUCATION (GRADES P-12): 36 SH**Required Core Courses: (18 sh):** See Common Required Core.

(EDU 6629 must be taken as one of student's first four courses)

Teaching Field Courses: (18 sh)

Choices are art, instrumental music, choral music, or physical education. For art education, students should select 12 semester hours of adviser approved courses in art, and ART 6662 (3) Seminar in Art Education. For music education, students should select 13 hours of advisor-approved courses in music, MUS 6696 Practicum (2), and MUS 6638 Literature Analysis (3) to meet the Teaching Field course requirements. All other fields should select 18 semester hours of adviser-approved courses specific to the major. A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript. At least nine semester hours of teaching field courses must be at the 6000 level. Candidates should consult their academic adviser regarding any specific course requirements in the teaching field.

GIFTED EDUCATION (GRADES P-12): 30 SH**Additional Admission Information for Gifted Education**

Candidates holding professional baccalaureate-level certification in any teaching field may be admitted to the traditional master's program in Gifted Education provided all other admissions criteria are met. A candidate's prior coursework will be evaluated by the College of Education to determine if undergraduate coursework is required. All prerequisites must be satisfied prior to unconditional admission.

Required Core Courses: (12 sh)EDU 6629 - The Master Teacher (*must be taken as one of a student's first four courses*)

EDU 6611 - Educational Technology in the Curriculum

EDU 6653 - Educational Evaluation

EDU 6691 - Research Methodology (*Must earn a grade of "B" or better*)

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level.

Required Teaching Field Courses: (18 sh)

EDG 6666	3	Nature and Needs of Gifted Individuals
EDG 6667	3	Creativity
EDG 6668	3	Integrating Thinking Skills into the Curriculum
EDG 6669	3	Teaching Methods in Gifted Education
EDG 6670	3	Special Populations of Gifted Students
EDG 6696	3	Practicum in Gifted Education

Application Requirements for Gifted Education Additional Certification

1. Application
2. Application fee made payable to Troy University
3. Satisfactory completion of a State-approved program with a minimum GPA of 3.25 on all courses in the Alabama State Board of Education approved educator preparation program.
4. An official transcript from a regionally accredited institution documenting an earned master's degree.
5. Hold a valid Class A Professional Educator's Certificate in any field
6. One letter of recommendation from a current school supervisor
7. Successful completion of a criminal background check

Required Teaching Field Courses: (18 sh)

EDG 6666	3	Nature and Needs of Gifted Individuals
EDG 6667	3	Creativity
EDG 6668	3	Integrating Thinking Skills into the Curriculum
EDG 6669	3	Teaching Methods in Gifted Education
EDG 6670	3	Special Populations of Gifted Students
EDG 6696	3	Practicum in Gifted Education

MASTER OF SCIENCE IN EDUCATION (MSED)

TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAM IN INSTRUCTIONAL SUPPORT AREAS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of the fifth-year certification program for instructional support areas is to provide initial certification at the graduate level in the areas of Instructional Leadership and Administration and School Counseling.

In addition to the admission requirements for the Graduate School, candidates for the fifth-year programs for instructional support personnel must have baccalaureate-level professional certification in a teaching field. Temporary, provisional, and other nonrenewable certification are not acceptable. See the Specific programs for other admissions and degree completion requirements.

Troy University College of Education students must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (CAEP, CACREP).

Instructional Leadership and Administration (Grades P-12) (30 SH)

Additional Admission Requirements for Traditional Fifth-Year Certification Program in Instructional Leadership and Administration

Graduate Teacher Education Program (GTEP)

All candidates must be unconditionally admitted to the university. The ILA program admits three cohorts per academic year (Fall, Spring, and Summer). The admissions deadline for Fall/T1 is July 15. The admissions deadline for Spring/T3 is October 31st. The admission deadline for Summer/T5 is April 15.

Admission Requirements for Instructional Leadership & Administration

1. Hold a valid Class B baccalaureate-level Alabama Professional Education Certification in a teaching field or master's level Professional Educator's Certificate in a teaching field or instructional support area. Verification of a Professional Educator Certification certificate must be provided upon application to the program.
2. Verify a minimum of three years paid, full-time successful teaching experience.
3. Submit prior to the interview an admission portfolio containing:
 - Three (3) signed letters of recommendation including one from the applicant's principal or supervisor on letterhead stationery. (These letters should address the leadership abilities of the candidate and any previous leadership experiences.)
 - Copies of the most recent performance appraisal including professional development component, if available.
 - Evidence of leadership and management potential, including evidence of most recent accomplishments in the area of educational leadership and/or student achievement.
 - Summary of candidate's reasons for pursuing a master's degree in Instructional Leadership and Administration.
 - Summary of candidate's expectations from the preparation program.
 - Supplemental Experience Form (Form 125.14).
 - Curriculum Vitae/resume.
 - All admission items must be submitted prior to the application deadlines.
4. Pass an interview conducted by the Program Admission Committee.
5. Pass a written assessment.
6. A minimum cumulative/overall graduating grade point average of 2.75 on the baccalaureate transcript or a

minimum of a 3.25 GPA on a master's or higher degree transcript.

7. Successful completion of a criminal background check/fingerprinting.

There is no Conditional Admission for this program.

Curriculum (30 SH)

ILA 6603	3	School Operations & Management
ILA 6611	3	Community Relationships
ILA 6613	3	Legal Dimensions of Education
ILA 6614	3	Ethics & Professional Responsibilities
ILA 6633	3	Instructional Leadership
ILA 6643	3	Human Resource Administration
ILA 6658	3	Working with Diverse Populations
ILA 6684	3	Curriculum and Instructional Strategies
ILA 6685	3	Assessment & Intervention Strategies
ILA 6699	3	Residency

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level.

Instructional Leadership and Administration for Additional Certification (18 SH)

Admission Requirements for Additional Certification

1. Hold a valid Class A Alabama Professional Educator Certificate.
2. Verify a minimum of three years of successful teaching experience.
3. Submit an admissions portfolio prior to interview containing:
 - Three (3) signed letters of recommendation including one from the applicant's principal or supervisor on school letterhead stationery. (Letters should address the leadership abilities of the candidate and any previous leadership experiences.)
 - Copies of the most recent performance appraisal including professional development, if available
 - Evidence of leadership and management potential, including evidence of most recent accomplishments in the area of educational leadership and/or student achievement
 - Summary of candidate's reasons for pursuing certification in Instructional Leadership and Administration
 - Summary of candidate's expectations from the preparation program
 - Supplemental Experience Form (Form 125.14)
 - Curriculum vitae/resume
4. Pass an interview conducted by the Program Admission Committee.
5. Pass a written assessment.
6. Successful completion of a criminal background check/fingerprinting.

Curriculum (18 sh)

ILA 6603	3	School Operations & Management
ILA 6611	3	Community Relationships
ILA 6613	3	Legal Dimensions of Education
ILA 6633	3	Instructional Leadership
ILA 6643	3	Human Resource Administration
ILA 6699	3	Residency

Note: ****Students seeking an Ed.S. in ILA will need to complete the RHO route prior to program admission if not currently holding a Class A in Instructional Leadership or Educational Administration.**

School Counseling (60 sh)

Locations: Troy Online

Additional admissions requirements, curriculum, and program completion expectations are listed in the Master of Science in Counseling (MSCP) section.

MASTER OF SCIENCE IN EDUCATION (MSED)

ALTERNATIVE FIFTH-YEAR CERTIFICATION PROGRAM FOR TEACHERS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of the Alternative Fifth-Year Program is to provide initial teacher certification programs for individuals holding a baccalaureate level degree in a field other than education or those desiring initial certification in a new teaching field. Candidates shall have acquired knowledge and skill above the level required for the completion of the baccalaureate program in the same discipline, including subject matter knowledge, student development, diversity, instructional strategies, classroom management and learning environment, communication, planning, assessment, professionalism, and collaboration.

The College of Education adopted the model standards for beginning teacher licensure developed by the Interstate New Teacher Assessment and Support Consortium (INTASC) in 2013. These standards are applied throughout the Alternative-Fifth-Year Program.

Troy Global Campus College of Education students must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (CAEP, CACREP, and CORE). Up to 12 hours of course work completed at a site/university without the appropriate specialized accreditation may be considered for application toward program completion. See Transfer Credit section for additional information. Students in the Alternative A certification program may be required to complete face-to-face field experiences in a classroom related to their certification as part of their coursework prior to their internship.

ADMISSION REQUIREMENTS FOR ALTERNATIVE FIFTH-YEAR PROGRAM FOR TEACHERS

Prior to applying for admission to the Graduate School and the Master of Science Alternative Fifth-Year certification program, individuals must possess a baccalaureate degree from a regionally accredited institution with a posted minimum cumulative/overall graduating grade point average of 2.75 on the official baccalaureate transcript from the degree granting institution. (*Note: A student who does not meet the 2.75 GPA requirement but has at least a 2.5 can be unconditionally admitted provided they pass the appropriate content knowledge praxis with an alternate score.*) A 3.0 GPA is required on a master's or higher degree transcript from the degree granting institution. (Students will not be permitted to use additional undergraduate or post degree courses to raise their grade point average). Effective July 1, 2017, and thereafter, a candidate must earn credit for an ALSDE approved diversity course at the Class A level, if they earned credit for a survey of special education course prior to Unconditional Admission (GTEP).

All education courses require clinical field experiences beyond class time. Candidates are required to attend an orientation prior to beginning clinical field experiences. Within the first week of class requiring a clinical field experience, students must provide evidence of background and fingerprint clearance application and evidence of current professional liability coverage, or the student will be dropped from the class.

Admission Status Classification

In order to establish admission status, an individual must be evaluated by the College of Education and the discipline of study to determine prerequisites. Prior to seeking admission to the Graduate School, individuals should make an appointment with the Teacher Education office on the respective campus to have all undergraduate transcript(s) reviewed by the Certification Officer/Alternative-A Evaluation Coordinator. Individuals must bring an official copy of all undergraduate transcripts to the session. The evaluation process may take up to one week to complete.

Note: An individual's admission to the Graduate School will be determined by the transcript(s) evaluation. Individuals will be classified as a post-baccalaureate student until they have completed all prerequisites.

In addition to completing the undergraduate prerequisite coursework, students should also be working to meet admission criteria for the Graduate Teacher Education Program.

Admission Requirements to the Teacher Education Program (GTEP)

Admission to the Graduate School does not automatically qualify a student for admission to the Graduate Teacher Education Program. Written application to the Graduate Teacher Education Program is required from all students seeking acceptance. In addition to the written application, the following are also required:

1. A grade of "C" or better in the two English composition courses.
2. A grade of "C" or better in mathematics courses completed for the baccalaureate degree that is equivalent to the required general studies courses for the teacher education major. If equivalent courses were not completed at the baccalaureate level, these must be completed as prerequisites.
3. A minimum cumulative/overall graduating grade point average of 2.75 on the baccalaureate transcript. *Note: A student who does not meet the 2.75 GPA requirement but has at least a 2.5 can be unconditionally admitted provided they pass the appropriate content knowledge praxis with an alternate score.*
4. Evidence of current professional liability coverage of established amount.

There is no Conditional Admission for this program.

Students working to complete pre-admission requirements for the Graduate Teacher Education Program are encouraged to work closely with their discipline adviser. This individual will assist in course selection and course sequencing for completion of these requirements.

Information regarding qualification and acceptance into the Graduate Teacher Education Program can also be obtained through the Teacher Education Office on the respective campus.

INTERNSHIP

All candidates completing the Alternative Fifth-Year initial certification program for teachers must complete a six-semester hour internship in the grade level(s) and academic subject(s) of the certification sought. Instructions regarding qualifications and applications for internship should be obtained from the Office of Teacher Education. Prerequisites for internship include the following:

1. Admission to the Graduate Teacher Education Program.
2. A grade point average (GPA) of 3.25 overall on all graduate work attempted.
3. Internship Advisor Approval Form (A)
4. Completion of all coursework except for Internship Seminar, which is taken in conjunction with internship.
5. Evidence of current First Aid and CPR certifications.
6. Passing Praxis II score in each teaching field area of initial certification.
7. Evidence of current professional liability coverage of \$1,000,000 minimum.
8. Completion of any additional requirements mandated by the Alabama State Department of Education.
9. Passing score on Teacher Performance Assessment (edTPA)-for initial certification only.

CURRICULUM FOR THE ALTERNATIVE FIFTH-YEAR PROGRAM

EARLY CHILDHOOD EDUCATION (P-3): 45 SH

Required Core Courses: (21 sh)

EDU 6603	3	Planning for the Classroom (<i>Must be among the first four courses taken</i>)
ELE 6650	3	Mathematics Pedagogy 1: Numbers and Operations and Algebraic Thinking

- SPE 6640 3 Teaching Students with Special Needs (*SPE 6630 only if prerequisite met*)
- EDU 6691 3 Research Methodology * (*or approved research course in the discipline*)
- EDU 6611 3 Educational Technology in the Curriculum
- RED 6631 3 Language & Literacy Acquisition: Birth to Grade 3
- RED 6672 3 Literacy Instruction: K-6

***Note: Must earn a grade of "B" or better.**

Teaching Field: (15 sh)

- ECE 6618 3 Designing Prosocial Learning Environments
- ECE 6632 3 Authentic Assessment in the Early Childhood Classroom
- ECE 6634 3 Inquiries into Logico-Mathematical Knowledge
- RED 6676 3 Literacy Assessment & Intervention
- ELE 6652 3 Mathematics Pedagogy 3: Geometry and Measurement

Internship and Internship Seminar: (9 sh)

- ECE 6674 6 Early Childhood Internship Grades P-3
- ECE 5544 3 Internship Seminar

ELEMENTARY EDUCATION (GRADES K-6): 45 SH

Required Core Courses: (36 sh)

- EDU 6603 3 Planning for the Classroom (*Must be among the first four courses taken*)
- PSY 6631 3 Psychological Foundations of Education
- SPE 6640 3 Teaching Students with Special Needs (*SPE 6630 only if prerequisite met*)
- EDU 6691 3 Research Methodology * (*or approved research course in the discipline*)
- EDU 6653 3 Educational Evaluation
- EDU 6611 3 Educational Technology in the Curriculum
- RED 6631 3 Language & Literacy Acquisition: Birth to Grade 3
- RED 6672 3 Literacy Instruction: K-6
- RED 6676 3 Literacy Assessment & Intervention
- ELE 6650 3 Mathematics Pedagogy 1: Numbers and Operations and Algebraic Thinking
- ELE 6651 3 Mathematics Pedagogy 2: Data Analysis, Statistics, and Probability
- ELE 6652 3 Mathematics Pedagogy 3: Geometry and Measurement

***Note: Must earn a grade of "B" or better.**

Internship and Internship Seminar: (9 sh)

- ECE 6674 6 Early Childhood Internship Grades P-3
- ECE 5544 3 Internship Seminar

COLLABORATIVE/SPECIAL EDUCATION TEACHER (GRADES K-6): 45 SH

Required Core Courses: (21 sh)

- EDU 6603 3 Planning for the Classroom (*Must be among the first four courses taken*)
- PSY 6631 3 Psychological Foundations of Education
- EDU 6691 3 Research Methodology * (*or Adviser Approved research course in the discipline*)
- SPE 6631 3 Legal Issues in Special Education
- EDU 6611 3 Educational Technology in the Curriculum

- EDU 6653 3 Educational Evaluation
- RED 6672 3 Literacy Instruction: K-6

***Note: Must earn a grade of "B" or better.**

Teaching Field: (15 sh)

- SPE 6640 3 Teaching Students with Special Needs (*SPE 6630 only if prerequisite met*)
- SPE 6614 3 Adaptive Teaching Strategies for Students with Mild Disabilities K-6
- SPE 6615 3 Adaptive Teaching Strategies for Students with Moderate/Severe Disabilities K-6
- SPE 6638 3 Reading Interventions for Students with Special Needs
- RED 6676 3 Literacy Assessment & Intervention

Internship and Internship Seminar: (9 sh)

- SPE 5544 3 Internship Seminar
- SPE 6655 6 Collaborative Internship Grades K-6

Survey of Special Education Coursework (Required if not previously completed)

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level. After July 1, 2017, a special education course must be at the graduate level.

COLLABORATIVE/SPECIAL EDUCATION TEACHER (GRADES 6-12): 45 SH

Required Core Courses: (21 sh)

- PSY 6631 3 Psychological Foundations of Education
- EDU 6603 3 Planning for the Classroom (*Must be among the first four courses taken*)
- EDU 6611 3 Educational Technology in the Curriculum
- EDU 6691 3 Research Methodology * (*or Adviser Approved research course in discipline*)
- SPE 6631 3 Legal Issues in Special Education
- EDU 6653 3 Educational Evaluation
- RED 6630 3 Directed Reading Practicum

***Note: Must earn a grade of "B" or better.**

Teaching Field: (15 sh)

- SPE 6640 3 Teaching Students with Special Needs (*SPE 6630 only allowed if prerequisite met*)
- SPE 6609 3 Content Enhancement
- SPE 6620 3 Service Delivery Models for Multiple Disabilities
- SPE 6616 3 Teaching Students with Emotional and Social Needs
- RED 6674 3 Literacy in the Content Areas Grades 6-12

Internship and Internship Seminar: (9 sh)

- SPE 5544 3 Internship Seminar
- SPE 6654 6 Collaborative Internship Grades 6-12

Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level. After July 1, 2017, a special education course must be at the graduate level.

SECONDARY EDUCATION (GRADES 6-12): 45 SH

Required Core Courses: (21sh)

- EDU 6603 3 Planning for the Classroom (*Must be among the first four courses taken*)

PSY 6631	3	Psychological Foundations of Education
SPE 6640	3	Teaching Students with Special Needs (<i>SPE 6630 only if prerequisite met</i>)
EDU 6691	3	Research Methodology * (<i>or approved research course in the discipline</i>)
EDU 6653	3	Educational Evaluation
EDU 6611	3	Educational Technology in the Curriculum
RED 6674	3	Literacy in the Content Areas Grades 6-12

***Note: Must earn a grade of "B" or better.**

Teaching Field: (15 sh)

Select 15 semester hours of adviser-approved courses specific to the discipline. A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript. At least eight semester hours of teaching field courses must be at the 6000 level. Candidates should consult their academic adviser regarding any specific course requirements in the teaching field. Comprehensive degree programs require coursework in multiple disciplines.

For certification recommendation in **English Language Arts** an applicant must have earned credit 12 semester hours of adviser approved courses in two of the following areas: English, journalism, speech, drama (theatre). Additionally, must have earned 3 semester hours in language or composition study.

For certification recommendation in **General Social Science** an applicant must have earned credit in two of the following areas: economics, geography, history, political science, and social science.

Internship and Internship Seminar: (9 sh)

SED 6695	6	Secondary Internship Grades 6-12
SED 5544	3	Internship Seminar

INTERDISCIPLINARY EDUCATION (GRADES P-12): 45 SH

Alternative Fifth-Year certification programs are offered in the following elementary/secondary (grades P-12) areas: Art, Instrumental Music, Choral Music, and Physical Education.

Required Core Courses: (21 sh)

EDU 6603	3	Planning for the Classroom (<i>Must be among the first four courses taken</i>)
PSY 6631	3	Psychological Foundations of Education
SPE 6640	3	Teaching Students with Special Needs (<i>SPE 6630 only if prerequisite met</i>)
EDU 6691	3	Research Methodology * (<i>or approved research course in the discipline</i>)
EDU 6653	3	Educational Evaluation
EDU 6611	3	Educational Technology in the Curriculum
RED 6674	3	Literacy in the Content Areas Grades 6-12 (<i>Secondary & P-12</i>)

***Note: Must earn a grade of "B" or better.**

Teaching Field: (15 sh)

For art, students should select 12 semester hours of adviser approved courses in art, and ART 6662 (3) Seminar in Art Education. For music education, students should select 10 hours of advisor-

approved courses in music, MUS 6696 Practicum, and MUS 6638 Literature Analysis to meet the Teaching Field course requirements.

Students in other interdisciplinary areas should select 15 semester hours of adviser-approved courses specific to the discipline. A candidate may not enroll in a 5000-level course if it duplicates the same course listed on an undergraduate transcript. At least eight semester hours of teaching field courses must be at the 6000 level. Candidates should consult their academic adviser regarding any specific course requirements in the teaching field.

Internship and Internship Seminar: (9 sh)

IED 6655	6	Interdisciplinary Internship in Grades P-12
IED 5544	3	Internship Seminar

EDUCATION SPECIALIST (EDS) CERTIFICATION PROGRAM

SIXTH-YEAR CERTIFICATION PROGRAM FOR TEACHERS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of the Education Specialist (EdS) certification programs in teaching is to extend the expertise and further develop knowledge, competencies, and skills of professionals holding master's level certification in the same teaching field in which the Class AA certification is sought. All coursework applied toward the EdS degree program must be earned at the 6000 level or above, and no courses applied toward certification at the master's level may be applied toward certification at the education specialist level. See the specific degree program for additional admission and degree completion requirements.

College of Education students must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (CAEP). Up to 12 hours of course work at a site/university without the appropriate specialized accreditation may be considered for application toward program completion. See Transfer Credit section for additional information.

All sixth-year certification programs are approved by the Alabama State Department of Education. Elementary Education offers a thesis and non-thesis option.

ADMISSION REQUIREMENTS FOR EDUCATION SPECIALIST PROGRAMS AND GRADUATE TEACHER EDUCATIONAL PROGRAM (GTEP)

Documents required for application:

- Letter of recommendation

- Transcripts

Admission to the Graduate School does not automatically constitute admission to the Education Specialist Program. All candidates must complete all requirements for the Alabama Class AA certification. All EdS candidates must successfully complete a written comprehensive examination prior to program completion.

In addition to the Admission Requirements for Graduate School, candidates seeking the education specialist degree in a teacher education program must:

1. Hold a master's degree from a regionally accredited college or university.
2. Hold valid master's level certification in the same teaching field in which the Class AA certificate is sought.
3. Be unconditionally admitted and complete all additional admission requirements identified in the specific program.
4. Submit three (3) College of Education Reference forms. One must be from an immediate supervisor.
5. Successful completion of a criminal background check/fingerprinting

There is no Conditional Admission for this program.

PROGRAM COMPLETION REQUIREMENTS

1. Have a GPA greater than 3.5
2. Complete thesis (thesis option)
3. No more than two grades below "B"
4. Grade of "B" or better in ECE/ELE 7790-Qualitative Research Methodology
5. No more than 12 semester hours of transfer credit
6. All credits earned within 8 years of graduation

CERTIFICATION IN ALABAMA

Candidates completing an approved Education Specialist certification program are eligible to apply for the Alabama Class AA professional certificate, provided they meet the following:

1. A grade point average of 3.5 on all education specialist coursework attempted
2. A grade of "C" or better in all coursework which applies to certification
3. A grade of "B" or better in the research requirements for the program
4. Complete a special education survey course and EDU 6611, if not previously completed

**Additional requirements for certification include the following unless previously completed: 1) a survey course in special education, 2) EDU 6611 Educational Technology in the Curriculum, and 3) Effective July 1, 2017, and thereafter, a course focused primarily on one of the following categories: methods of accommodating instruction to meet the needs of students with exceptionalities in inclusive settings, multicultural education, teaching English Language Learners, rural education, or urban education. A course used to meet this requirement for one level may not be used to meet the requirement for a higher level of certification.*

Any candidate who applies for a professional certificate is subject to all regulations set forth by the Alabama State Department of Education. These regulations may include a comprehensive background check, verification of appropriate experience, and prior certification specific to the certification sought. Additional requirements (e.g., standardized examinations to demonstrate content mastery) may be added as the Alabama State Board of Education and other accrediting agencies modify regulations. Candidates should consult their education adviser for details.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

CERTIFICATION IN OTHER STATES

Other states may grant professional certification to candidates completing the Troy University Education Specialist program. Some states may have additional requirements. Candidates seeking certification in other states should contact the appropriate State Department of Education.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

EARLY CHILDHOOD EDUCATION (30 SH)

Required Professional Core*: (12 sh)

PSY 6693	3	Psychological and Educational Statistics
EDU 7709	3	Seminar in Decision-making for Teachers and Educational Administrators
EDU 7730	3	The Teacher Leader
ELE 7790	3	Qualitative Research Methodology

Select Non-Thesis or Thesis Option: (6 sh)

Non-Thesis Option:

EDU 7770	3	Action Research I
EDU 7771	3	Action Research II

OR

Thesis Option:

EDU 7795	1-6	Thesis

Teaching Field Courses: (9 sh)

ECE 7760	3	Leading for Learning in the School Environment
ECE 7762	3	School Accreditation Process
ECE 7763	3	Legal Issues and Ethics in Education

Adviser-Approved Teaching Field Courses: (3 sh)

Select three additional hours of adviser-approved course related to the profession (e.g., EDU, ELE, SPE, RED). A candidate may not enroll in a 6000-level course if it duplicates the same course listed on the master's transcript.

Note: Required Capstone Research Project in EDU 7770 Action Research I and EDU 7771 Action Research II

***The student must conduct an Adviser approved Capstone Research project in EDU 7770 Action Research I and EDU 7771 Action Research II. This course must be taken within the last two terms of the program completion. All requirements for the Capstone Research Project are to be completed in EDU 7770 Action Research I and EDU 7771 Action Research II. Students must receive a grade of "B" or better in EDU 7770 Action Research I and EDU 7771 Action Research II**

ELEMENTARY EDUCATION: (30 SH)

Required Professional Core*: (12 sh)

PSY 6693	3	Psychological and Educational Statistics
EDU 7709	3	Seminar in Decision-making for Teachers and Educational Administrators
EDU 7730	3	The Teacher Leader
ELE 7790	3	Qualitative Research Methodology

Select Non-Thesis or Thesis Option: (6 sh)

Non-Thesis Option:

EDU 7770	3	Action Research I
EDU 7771	3	Action Research II

OR

Thesis Option:

EDU 7795	1-6	Thesis

Teaching Field Courses: (9 sh)

ELE 7736	3	Mentoring and Supervision in ELE
ELE 7762	3	School Accreditation Process
ELE 7763	3	Legal Issues and Ethics in Education

Adviser-Approved Teaching Field Courses: (3 sh)

Select three additional hours of adviser-approved course related to the profession (e.g., EDU, ECE, SPE, RED). A candidate may not enroll in a 6000-level course if it duplicates the same course listed on the master's transcript.

Note: Required Capstone Research Project in EDU 7770 Action Research I and EDU 7771 Action Research II

***The student must conduct an Adviser approved Capstone Research project in EDU 7770 Action Research I and EDU 7771 Action Research II. This course must be taken within the last two terms of the program completion. All requirements for the Capstone Research Project are to be completed in EDU 7770 Action Research I and EDU 7771 Action Research II. Students must receive a grade of "B" or better in EDU 7770 Action Research I and EDU 7771 Action Research II.**

TEACHER LEADER (EDS): (30 SH)

Goals and Objectives:

The goal of the EdS Teacher Leader program is to strengthen and extend the practicing teacher's knowledge and skills so that the program graduate will:

1. Demonstrate the ability to facilitate the improvement of academic achievement for all students within a school setting;
2. Support the development of and improve the practice of shared leadership among instructional and administrative personnel;
3. Demonstrate the ability to facilitate collective learning with faculties and schools as a whole.

ADDITIONAL ADMISSION REQUIREMENTS FOR THE EDS TEACHER LEADER PROGRAM AND GRADUATE TEACHER EDUCATION PROGRAM (GTEP):

1. Hold a master's degree from a regionally accredited college or university;
2. Hold a Class A master's Professional Educator Certificate in any teaching field or area of instructional support; *
3. Have a minimum of three full years of full-time teaching experience in a P-12 setting; demonstrated by providing a supplemental EXP form from each district of employment;
4. Provide a portfolio containing the following items:
 - Three professional letters of recommendation signed and on letterhead, (One must be from principal and/or immediate supervisor).
 - A current resume or vita
 - Evidence of ability to positively affect student achievement, and evidence of collaborative leadership, potential by addressing the following areas in narrative form.
 - Personal Philosophy and/or theory of teaching and learning
 - Self Evaluation of your strengths and weaknesses and a plan to address your weaknesses
 - Personal professional goals
 - Statements of purpose for pursuing the EdS
 - Evidence of leadership ability/list any honors, awards, committee or team service
5. Successful completion of a criminal background check/fingerprinting.

Note: Students admitted into the EdS Teacher Leader program with a master's level Professional Educator certificate in a teaching field or area of instructional support from another state, must earn an Alabama Class A Professional Educator certificate in a teaching field or area of instructional support before becoming eligible to apply for an Alabama Class AA Certification.

CERTIFICATION

In addition to the certification requirements required for all instructional support areas, candidates completing an approved EdS Teacher Leader program requirements are eligible to apply for the Alabama Class AA Professional Certificate, provided they meet the following:

1. Satisfactory completion of a state approved program with a minimum GPA of 3.5* for all courses in the Alabama State Board of Education approved Teacher Leader program as verified on an official transcript.
2. Satisfactory completion of a problem-based research project.
3. A survey of special education course, if not previously completed.
4. Meet the Praxis II requirements of the Alabama Educator Certification Testing Program (AECTP).

5. Hold an Alabama Class A Professional Educator Certificate in a teaching field or area of instructional support.

Required Courses*: (30 sh)

TL 7700	3	Adult Learning Theories and Managing Change
TL 7702	3	Diverse Populations and Involving Parents/Community Stakeholders in the School Setting
TL 7717	3	Mentoring
TL 7737	3	Curriculum
TL 7740	3	Creating Effective Learning Environments
TL 7747	3	Instructional Coaching
TL 7757	3	Staff Development
TL 7767	3	Communication and Consultation Methods Practicum
TL 7792	3	Advanced Comprehensive Research Strategies
TL 7794	3	Research in Action

**A survey course in special education is required unless previously completed.*

Courses applied toward certification at the master's level may not be applied toward certification at the education specialist level.

EDUCATION SPECIALIST (EDS) CERTIFICATION PROGRAM

SIXTH-YEAR CERTIFICATION PROGRAM FOR INSTRUCTIONAL SUPPORT AREAS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of the Education Specialist (EdS) certification programs in instructional support areas is to extend the expertise and further develop knowledge, competencies, and skills of professionals holding master's level certification in school psychometry, school counseling, or educational administration. All coursework applied toward the EdS degree program must be earned at the 6000 level or above, and no courses applied toward certification at the master's level may be applied toward certification at the education specialist level. See the specific degree program for additional admission and degree completion requirements.

Note: Troy Global Campus College of Education students must meet all specialized accreditation requirements to be classified as graduates specialized accredited programs. Up to 12 hours course work at a site/university without the appropriate specialized accreditation may be considered for application toward program completion. See Transfer Credit section for additional information.

ADMISSION REQUIREMENTS

Admission to the Graduate School does not automatically constitute admission to the Education Specialist Program. All candidates must complete all requirements for the Alabama Class AA certification. All EdS candidates must successfully complete a written comprehensive examination prior to program completion.

In addition to the Admission Requirements for Graduate School, candidates seeking the education specialist degree in an instructional support program must:

1. hold a masters degree from a regionally accredited college or university;
2. complete a special education course as a prerequisite if not previously completed; (*Not required for Counseling*)
3. be unconditionally admitted and complete all additional admission requirements identified in the specific program, hold a valid master's level certification in the same instructional support area or teaching field in which the Class AA certificate is sought, (not required for Counseling). Students seeking an EdS in ILA will need to complete the RHO route prior to program admission if not currently holding a Class A in Instructional Leadership or Educational Administration;
4. Successful completion of a criminal background check/fingerprinting.

There is no Conditional Admission for this program.

CERTIFICATION IN ALABAMA

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

Candidates completing an approved Education Specialist Certification program are eligible to apply for the Alabama Class AA professional certificate, provided they meet the following:

- A grade point average of 3.5* on all education specialist coursework attempted
- A grade of "C" or better in all coursework which applies to certification
- A grade of "B" or better in the research requirements for the program.
- Meet the PRAXIS II requirement of the Alabama Educator Certification Testing Program (AECTP).**

****Note:** This condition applies only to those applicants seeking initial certification in an instructional support area.

Any candidate who applied for a professional certificate is subject to all regulations set forth by the Alabama State Department of Education. These regulations may include a comprehensive background check, verification of appropriate experience, and prior certification specific to the certification sought.

Additional requirements (e.g., standardized examinations to demonstrate content mastery) may be added as the Alabama State Board of Education and other accrediting agencies modify regulations. Candidates should consult their education adviser for details.

Testing for Class AA Certification for Instructional Leadership & Administration

Applicants for Class AA Certification who are meeting requirements for a Certificate which covers a grade span different from the grade span covered by the Certificate used as the basis for admission to the Class AA Instructional Leadership program must meet Praxis II requirements of the Alabama Educator Certification Testing Program (AECTP). Some individuals hold an Alabama Certificate for principal 1-6 or 7-12 rather than P-12. A person holding one of those Certificates and completing the Class AA Instructional Leadership P-12 program must meet the Praxis II requirements as a precondition for Certification.

CERTIFICATION IN OTHER STATES

Other states may grant professional certification to candidates completing the Troy University Education Specialist program. Some states may have additional requirements. Candidates seeking certification in other states should contact the appropriate State Department of Education.

Only candidates properly admitted to an approved certification program and who successfully fulfill all program and certification requirements will be recommended for certification. The Certification Officer, appointed by the Dean of the College of Education, is the only Troy University official authorized to recommend candidates for certification in any state.

DEGREE REQUIREMENTS

All coursework applied toward the Ed.S. degree program must be earned at the 6000 level or above. Courses applied toward certification at the master's level may not be applied toward certification at the education specialist level.

All Education Specialist degree students must complete at least 18 semester hours of required coursework at the campus where the internship and/or practicum is supervised.

INSTRUCTIONAL SUPPORT CERTIFICATION PROGRAMS

INSTRUCTIONAL LEADERSHIP AND ADMINISTRATION (EDS): 30 SH

Goals and Objectives

The goal of the EdS Instructional Leadership and Administration program is to strengthen and extend the student's knowledge, skills, and abilities developed at the Master's level so that the candidate will become an informed, reflective decision maker who demonstrates the ability to:

1. Articulate a clear vision and inspire and engage stakeholders in developing and realizing the mission;
2. Manage and leverage systems and processes to achieve desired results;

3. Act with a sense of urgency to foster a cohesive culture of learning;
4. Express their commitment to student and adult learners and to their development;
5. Facilitate and monitor the teaching and learning process;
6. Model professional, ethical behavior and expect it from others.

Additional Admission Requirements for The EdS in Instructional Leadership and Administration

In addition to the Admission Requirements for Graduate School, candidates seeking admission to a cohort to complete the requirements for the Education Specialist degree in Instructional Leadership and Administration must hold the master's Professional Educator Certificate in Educational Administration or Instructional Leadership.

In addition the candidate must meet one of the following criteria:

1. Hold a Class A Alabama Instructional Leadership and Administration certificate earned after completing a redesigned program at an Alabama university;
 - A. If the student does not hold a Class A certificate in Instructional Leadership and Administration, the student may be required to take prerequisites prior to beginning the EdS program.
2. Be currently serving as a superintendent, assistant superintendent or associate superintendent, assistant to the superintendent, principal, assistant principal, supervisor (any subject and/or grade level), administrator of career and technical education, coordinator, or evaluator; or
3. Document three years of employment in an instructional leadership position for which one of the certificates in Rule 290-3-3-.53.01(2)(b) is proper certification according to the current edition of the Subject and Personnel Codes of the Alabama State Department of Education.
4. Successful completion of a criminal background check/fingerprinting.

There is no Conditional Admission for this program.

In an effort to maintain the rigorous nature of the Instructional Leadership and Administration program, to stay in step with changes in the field of administration and to ensure that our candidates maximize the benefit from the program, Troy University strongly recommends that each candidate have completed at least one year of administrative experience in a public K-12 school prior to admission to the EdS program.

Candidates must be admitted to GTEP prior to taking any coursework.

Applicants who completed a Class A program other than one approved by the Alabama State Board of Education on or after September 8, 2005, must submit a portfolio which includes:

1. Three (3) signed letters of recommendation including one from the applicant's principal or supervisor on letterhead stationery; (These letters should address the leadership abilities of the candidate and any previous leadership experiences.)

2. Copies of most recent performance appraisal including professional development component, if available
3. Evidence of ability to lead student achievement;
4. Evidence of leadership and management potential;
5. Summary of candidate's reasons for pursuing the Class AA certificate in Instructional Leadership and Administration;
6. Supplemental Experience Forms (Form 125.4);
7. Curriculum Vitae;
8. Successful completion of a criminal background check/fingerprinting.

CURRICULUM FOR ILA* (30 SH)

Note: Courses taken as Professional Learning Unit's (PLU) prior to admission to the Ed.S. ILA program are not eligible for use towards this certification program.

ILA 7700	3	Developing and Promoting Core Values
ILA 7702	3	Diverse Populations and Involving Parents and Community Stakeholders in the School Setting
ILA 7703	3	Law, Ethics, and Policy Development
ILA 7717	3	Role Models in Teaching and Learning
ILA 7740	3	Andragogy and the Professional Learning Community
ILA 7746	3	Organization and Human Resource Development
ILA 7791	3	Current Trends and Issues in Instructional Leadership
ILA 7792	3	Advanced Comprehensive Research Strategies
ILA 7793	3	Program Evaluation
ILA 7794	3	Research in Action

Note: *A survey course in special education is required unless previously completed. After July 1, 2017, a special education course must be at the graduate level.

Courses applied toward certification at the master's level may not be applied toward certification at the education specialist level.

SCHOOL COUNSELING (EDS): 30 SH

Goals and Objectives

The goal of the EdS School Counseling program is to strengthen and extend the students' knowledge and skills developed at the Master's level so that the students will:

1. Become informed, reflective decision makers;
2. Understand the developmental, proactive, and preventive focus of counseling in the schools;
3. Facilitate academic, career, and personal-social development of K-12 students;
4. Provide interventions for learning and behavioral problems; and
5. Work collaboratively with parents, school personnel, and with other agencies and organizations to facilitate student learning, and manage a comprehensive developmental counseling program.

Admission to the Graduate Education Program (GTEP) School Counseling

1. Submission of proof of master's level professional education certification in school counseling.
2. Two full years of full-time acceptable experience verified on a Supplemental Experience Form.
3. Successful completion of a criminal background check/fingerprinting.

There is no Conditional Admission for this program.

REQUIRED CURRICULUM

FOR SCHOOL COUNSELING* (18 SH)

CP 6635	3	Crisis Response Management
CP 7700	3	Advanced Practicum in Group Leadership
CP 7702	3	Advanced Theories and Techniques of Counseling
CP 7740	3	Theories of Counseling Supervision
CP 7791	3	Research Seminar
PSY 6659	3	Cognitive and Behavioral Interventions

Note: *A survey course in special education is required unless previously completed. After July 1, 2017, a special education course must be at the graduate level.

School Counseling Core (6 sh)

SPE 6616	3	Teaching Students with Emotional and Social Needs
EDU 7763	3	Legal Issues and Ethics in Education OR ELE 7763 Legal Issues and Ethics in Education

Field Project* (3 sh)

CP 7794	3	Field Project

Select ONE Survey Course* (3 sh)

SPE 6630	3	Collaboration Skills
SPE 6640	3	Teaching Students with Special Needs

MASTER OF SCIENCE (MS) ADULT EDUCATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

**Students holding this degree will not be recommended for any teacher/counselor/administrator certificate or license.*

Purpose

The purpose of the Master of Science in Adult Education (MSADE) program is to offer students an opportunity to acquire proficiency, knowledge, and skills in the social context of adult education, program development and management, and the facilitation of adult learning.

This program prepares students for careers in such areas as industry, continuing professional education, training and program development, instructional technology, corporate consulting, health care, post-secondary education, government agencies, non-profit

organizations, professional organizations, and professional military education.

PROGRAM OBJECTIVES

Upon successful completion of the M.S. in Adult Education, graduates will be able to:

1. Develop curricula that incorporate an understanding of how the social context influences the field, including culture, policy, economics, and technology.
2. Discuss the different ways in which adults learn and how to assess their needs, interests, motivations, and capabilities.
3. Apply specialized knowledge related to their concentration area to practical situations.
4. Evaluate relevant research and apply it to their concentration area.
5. Articulate a personal adult education teaching philosophy

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

To apply for admission to the Master of Science in Adult Education program, applicants must submit:

1. A completed Application for Admission to the Graduate School.
2. An official transcript(s) from all universities attended.
3. A letter of recommendation that addresses the applicant's potential for success in professional graduate studies.

Unconditional Admission

Students should meet the unconditional admission requirements for the Graduate School.

Conditional Admission

Upon recommendation by Graduate Admissions, conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements. See also conditional admission requirements in the General Regulations section of this Catalog.

After the student completes the first three graduate courses with a "B" or better average, the student will be granted unconditional admission. Students not satisfying conditional admission requirements will be dropped from the university for one calendar year, after which time the student must petition for readmission.

TRANSFER CREDITS

A maximum of 12 credit hours taken at another regionally accredited university with a grade of "B" or better can be applied to the MSADE degree. These courses must be comparable in catalog description to courses in the MSADE program and must be approved by the Dean of the College of Education.

ACADEMIC ADVISEMENT

Faculty advisement for the program is required.

DEGREE REQUIREMENTS

Students must select either Option I or Option II, successfully complete the required core courses (either 15 sh or 18 sh), successfully complete an approved concentration, and successfully complete either a capstone or thesis. Students interested in additional areas of graduate study must go through the College of Education for pre-approval. Faculty advisement for the program is required.

CURRICULUM

Students must successfully complete ONE of the following options:

Option I

Option I is a 33- semester-hour program consisting of a 15-semester-hour core of required courses which includes the successful completion of a 3-semester-hour capstone course. Additionally, an 18-semester-hour concentration is required.

Required Core Courses: (15 sh):

ADE 6600	3	Foundations of Adult Education
ADE 6640	3	Social Context of Adult Education
ADE 6670	3	Adult Learning and Development
ADE 6691	3	Research Methodology (<i>A grade of "B" or better is required</i>)
ADE 6699	3	Capstone

Select an approved concentration: (18 sh)

Students choosing this option must register for ADE 6699 (3 sh) and successfully complete this course. This course is a culminating experience that helps students integrate and apply the knowledge they have gained in their program. Emphasis is placed on challenging students to view the adult educational process from many perspectives. Working independently students will create a capstone project to demonstrate mastery of program objectives and proof of readiness to receive a master's degree, which will be submitted in portions throughout the term/semester for feedback from the instructor and classmates. An oral presentation will be required. A second option for Capstone is the completion of an internship in the student's field of interest. The internship must be approved by the Capstone instructor. Prerequisite: Completion of all core courses (ADE 6600, ADE 6640, ADE 6670, ADE 6691) and at least four of the six required concentration classes. Students must obtain a 3.0 GPA before entering ADE 6699. Grading system is Pass/Fail.

Option II*

Option II* is a 36-semester-hour program consisting of an 18-semester-hour core of required courses which includes the successful completion of a 6-semester-hour thesis. Additionally, an 18-semester-hour concentration is required.

Required Core Courses: (18 sh):

ADE 6600	3	Foundations of Adult Education
ADE 6640	3	Social Context of Adult Education
ADE 6670	3	Adult Learning and Development
ADE 6691	3	Research Methodology (<i>A grade of "B" or better is required</i>)

ADE 6695 6 Thesis

Select an approved concentration: (18 sh)

Students choosing this option must register for ADE 6695 (total of 6 credit hours) as their last two courses in the program. The thesis must be related to both the student's concentration area and adult education. The student must successfully research, write, and defend a thesis. This process involves directed research in selected areas of study based on the student's proposal, related to the student's needs, with the advice and approval of a thesis adviser and a faculty reader, and culminating in a substantive research paper of appropriate depth and scholarship. Students completing this option are not required to take the capstone course. Prerequisite: Completed all core courses; completed at least four of the six required concentration classes. Students must obtain a 3.0 GPA before entering ADE 6695. *Grading system is Pass/Fail.*

CONCENTRATIONS**Curriculum Design and Instructional Technology (18 sh)****Concentration Purpose:**

The M.S. in Adult Education with a concentration in Curriculum Design and Instructional Technology prepares graduates with the ability to design, develop, implement, and evaluate curricula and instructional technologies for education and training in diverse situations. Both the theoretical and practical aspects of adult learning, the instructional design process, teaching strategies, and educational evaluation are explored to provide a comprehensive program useful in designing instruction at multiple levels including community, post-secondary, workplace, or government applications.

Objectives:

Upon successful completion of the M.S. in Adult Education with a concentration in Curriculum Design and Instructional Technology, graduates will be able to:

- Discuss the nature of the adult learner and the appropriate methods for teaching and evaluating adult learners.
- Apply the instructional design process to a variety of adult learning situations.
- Integrate instructional design and technology to support the development and delivery of instruction.

Concentration Courses:

EDU 6606	3	Current and Emerging Instructional Technologies
EDU 6613	3	Principles of Instructional Design
EDU 6614	3	Instructional Performance Design Systems (Prerequisite: EDU 6613)
EDU 6616	3	E-Learning Design (Prerequisite: EDU 6606 and EDU 6613)
ADE 6674	3	Methods and Strategies for Teaching Adults
ADE 6653	3	Educational Evaluation OR EDU 6653 Educational Evaluation

Leadership in Workforce Development (18 sh)**Concentration Purpose:**

The M.S. in Adult Education with a concentration in Leadership in Workforce Development emphasizes the development of 21st

century leadership. It focuses on developing leaders who are globally-minded, proficient in technology, and who can apply and generate knowledge from real-world situations. The Leadership in Workforce Development concentration is designed for professionals who desire to develop leadership competencies and dispositions that can be applied in a variety of settings and situations, including private, non-profit, public, military, and healthcare industries.

Objectives:

Upon successful completion of the M.S. in Adult Education with a concentration in Leadership in Workforce Development, graduates will be able to:

- Interpret the psychological, legal, social, political, economic, and cultural environments of organizations.
- Utilize technology and empirical data to plan, develop initiatives, make decisions, and evaluate effectiveness.
- Model the dispositional and interpersonal skills necessary to provide effective organizational leadership.

Leadership Theory and Practice (3 sh)

EAL 6633 3 Leadership Theory and Practice

Planning, Decision Making, and Data Analysis (6 sh)ADE 6653 3 Educational Evaluation (*or advisor approved substitute*)

ADE 6612 3 Workforce Management and Organizational Development

Working with Personnel: Select one (3 sh)

ADE 6610 3 Workforce Development and Training

ADE 6617 3 Seminar in Personnel Planning and Leadership

Communication, Group Processes, and Relationships (6 sh)

ADE 6641 3 Organizational Behavior and Group Dynamics

ADE 6645 3 Power, Politics and Organizational Change

Note: For students pursuing the MSADE degree with a dual concentration, a single course can be applied only one time to satisfy degree requirements.

GRADUATE CERTIFICATES IN ADULT EDUCATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

**Students holding a graduate certificate in Adult Education (ADE) will not be recommended for any teacher/counselor/administrator certificate or license.*

Locations: Troy Online

ADMISSIONS REQUIREMENTS**Documents required for application:**

- Letter of Recommendation
- Transcripts

Applicants pursuing the Graduate Certificate in 1) Curriculum and Instructional Design, 2) Instructional Technology, 3) Leadership Studies, and 4) Workforce Development must be admitted to the Graduate School and MSADE program. See Graduate Admissions and MSADE Admission requirements.

Option 1: Special Admission Non-Degree Matriculates

See Special Admission: Non-Degree matriculates requirements in the graduate catalog.

Option 2: Admission for Current Students

Student must be admitted to the Graduate School and the Master of Science in Adult Education program at Troy University. See Graduate Admission and the Master of Science in Adult Education program requirements.

Option 3: Admission for Post-Master's Students

Students who have graduated from a master's degree program at Troy University or another university may be admitted to the certificate program. See Post Master's Admission and Certificate Admission requirements in the graduate catalog. Admission is unconditional.

COURSE REQUIREMENTS (12 SH)

Admitted ADE students may qualify for a certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet the certification requirement.

****For students pursuing a MSADE concentration along with a certificate, a single course can be applied only one time to satisfy the concentration or certificate requirements.** Due to overlapping courses, students may not earn a certificate that is comparable to their concentration. Faculty approval is required.

Advisement

Faculty advisement for the certificate program is required.

Certificate Assessment -Exit Survey

All students will complete an exit survey.

Financial Aid

Follow Graduate School guidelines.

GUIDELINES/PROCEDURES FOR OBTAINING CERTIFICATE

Students who wish to be issued a certificate must submit the following to the Chair of the Department of Leadership Development and Professional Studies or designee:

1. Complete Certificate Intent
2. Copy of transcript

Internal processing for certificate:

1. Department of Leadership Development and Professional Studies Chair/designee collects certification intent form and student transcripts
2. Department of Leadership Development and Professional Studies Chair/designee sends documents to registrar for processing of certificate

CERTIFICATE IN CURRICULUM AND INSTRUCTIONAL DESIGN

Performance Objectives

Upon completion of the ADE/CID certificate, students should be able to demonstrate the following competencies:

1. Describe unique aspects of adult learning and how these traits impact curriculum and instructional design for adult learners.
2. Explain prominent activities in the development of curricula and instructional materials associated with instructional systems design, instructional strategies, and learner characteristics.
3. Identify methods for evaluating adult education programs.

Curriculum (12 sh)

Admitted ADE students may qualify for the certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet the certification requirement.

- ADE 6670 3 Adult Learning and Development
- ADE 6674 3 Methods and Strategies for Teaching Adults
- EDU 6613 3 Principles of Instructional Design
- ADE 6653 3 Educational Evaluation **OR** EDU 6653 Educational Evaluation

***Complete Certificate Assessment Exit Survey**

CERTIFICATE IN INSTRUCTIONAL TECHNOLOGY

Performance Objectives

Upon completion of the ADE/IT certificate, students should be able to demonstrate the following competencies:

1. Describe some of the unique aspects of adult education in terms of development, learning theory, and/or historical foundations.
2. Develop curricula in systematic and practical ways to create effective, efficient, and appealing instruction in any content area and with any medium, including live instruction.
3. Incorporate state-of-the art technologies and innovative strategies in adult education curricula

Curriculum (12 sh)

Admitted ADE students may qualify for the certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet the certification requirement.

- ADE 6670 3 Adult Learning and Development
- EDU 6606 3 Current and Emerging Instructional Technologies
- EDU 6613 3 Principles of Instructional Design
- EDU 6616 3 E-Learning Design

***Complete Certificate Assessment Exit Survey**

CERTIFICATE IN LEADERSHIP STUDIES

Performance Objectives

Upon completion of the ADE/LS certificate, students should be able to demonstrate the following competencies:

1. Develop and implement an organizational vision.

2. Demonstrate the skills necessary for the development and implementation of short, long, emergency, and strategic plans.
3. Understand how organizations function and demonstrate an ability to utilize this knowledge with a wide variety of organizational stakeholders.
4. Understand personal development and personnel processes in
5. order to build support for organizational change and progress.

Curriculum (12sh)

Admitted ADE students may qualify for the certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet the certification requirement.

EAL 6633	3	Leadership Theory and Practice
ADE 6641	3	Organizational Behavior and Group Dynamics
COM 6600	3	Communication and Influence

Select ONE of the following courses or advisor's approval for an alternative course:

ADE 6617	3	Seminar in Personnel Planning and Leadership
COM 6610	3	Leadership and Media Strategies
ADE 6653	3	Educational Evaluation

***Complete Certificate Assessment Exit Survey**

CERTIFICATE IN WORKFORCE DEVELOPMENT**Performance Objectives**

Upon completion of the ADE/WD certificate, students should be able to demonstrate the following competencies:

1. Develop an understanding of workforce development policies and systems in the United States.
2. Develop skills in the collection, analysis, and interpretation of labor market data and trends.
3. Understand the needs, characteristics, and learning styles of the labor force.
4. Develop skills in the development, management, and evaluation of programs.
5. Develop an understanding of business models and concepts.

Curriculum (12sh)

Admitted ADE students may qualify for the certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet the certification requirement.

ADE 6610	3	Workforce Development and Training
ADE 6612	3	Workforce Management and Organizational Development
ADE 6670	3	Adult Learning and Development

Select ONE of the following courses:

PSY 6635	3	Vocational Psychology and Career Development
ADE 6680	3	Curriculum Development for Adult Education

***Complete Certificate Assessment Exit Survey**

MASTER OF SCIENCE IN COUNSELING (MSCP)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Counseling Mission Statement

The mission of the Department of Counseling, Rehabilitation, and Interpreter Training is to educate, develop and train counseling professionals by utilizing the highest external standards set by state and national licensing/certifying boards. Counselor education faculty design and deliver counseling programs through a variety of instructional modalities. The counseling degree programs provide graduate education through Troy Online. The program seeks students from diverse populations.

ACCREDITATIONS**Council for Accreditation of Counseling and Related Educational Programs (CACREP)**

The Master of Science in Counseling degree program in Clinical Mental Health Counseling, the Master of Science degree program in Rehabilitation Counseling, and the Master of Science in Education in School Counseling are CACREP accredited.

Council for the Accreditation of Educator Preparation (CAEP)

The Educator Preparation Provider (EPP) at the Troy, Dothan, and Montgomery campuses and the Master of Science in School Counseling degree program are accredited by the Council for the Accreditation of Educator Preparation (CAEP). This accreditation covers initial teacher preparation and advanced education preparation programs. CAEP is recognized by the US Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel.

GOALS AND OBJECTIVES

Students graduating from Troy University's counseling programs should:

1. Obtain knowledge and understanding of the identity, roles, history, philosophy, credentials, licensure, legal/ethical, current trends, practices, supervision models, collaboration-crisis-trauma concepts, and self-care strategies related to the counseling profession.
2. Gain knowledge and understanding of program evaluation and research methodology to include application, evaluation and analysis of quality research and effective counseling programs.
3. Develop personal and professional dispositions to effectively analyze and evaluate ethical, legal, diverse, and best practice issues related to the counseling profession.
4. Develop counseling abilities to analyze, evaluate. Apply and create treatment methodologies, therapeutic interventions, assessment techniques, effective cultural strategies, and other abilities that apply to the practice of

counseling in school, agency clinical and community settings.

5. Demonstrate analysis, evaluation and application of core counseling concepts as applied to the knowledge of professional identity and practice.

COUNSELING PROGRAMS ADMISSION POLICY

Entry-level admission decision recommendations are made by the academic unit's selection committee and include consideration of each applicant's relevant career goals, aptitude for graduate-level study, potential success in forming effective counseling relationships, and respect for cultural differences.

Documents required for application:

- Letter of Recommendation
- Transcripts

In addition to meeting graduate school admissions requirements, the student is required to have the following:

1. Prior to admission to any of the Counselor Education programs (Master's or Certificates), all academic prerequisites must be met in full and all application documents must be submitted. **CRIT Certificate Admission Policies** Certificate programs with specific admission requirements, including academic coursework, must provide a transcript showing completion of those academic requirements prior to admission to the Certificate program. Additional coursework to meet Certificate entry requirements cannot include coursework that is a part of the Certificate that the student is applying. Transfer credit from outside educational institutions may not be applied to Department Certificates program requirements.
2. All applicants must have a minimum cumulative/overall graduating grade point average of 2.5 or a minimum grade point average of 3.0 in the final 30 semester hours of previous degree.
3. **Letters of Reference:** Three specified reference forms to include one from the applicant's undergraduate adviser, department chair or dean, most recent employer, and a person chosen by the applicant. If the applicant is unable to obtain references regarding educational or employment history, selected individuals may be approved by the Graduate Counseling Admissions Committee. These references must attest to the applicant's potential in forming effective interpersonal relationships, aptitude for graduate study, appropriate vocational goals relevant to the program, and personal and professional self-development as well as other relevant information to be determined by the program faculty.
4. **Resume:** A resumé that includes personal information and professional portfolio regarding topics such as, but not limited to, educational and work history, personal and professional goals, professional affiliations, awards, articles, and references.
5. **Letter of Intent:** In addition to the previously listed documentation, each student will submit a 1-2 page Letter of

Intent explaining why they wish to be a counselor. This Letter of Intent should include some mention of personal strengths and weaknesses, an overview of short and long-term goals, and assets that they bring to the counseling profession.

6. **Program Admission Interview:** Individual and/or group interviews conducted by members of the program faculty to assess the following topics: appropriateness of academic history, work history, relationships in individual and group contexts, vocational goals and objectives and their relevance to the program, each applicant's openness to self-examination, personal and professional self-development, and other factors deemed relevant by the program faculty regarding successful performance as a graduate student and as a counselor.
7. **Impromptu Writing Sample:** At the time of the interview, the student will complete an impromptu writing sample on a topic selected by the faculty.
8. **Essential Academic Skills:** Evidence of academic skills deemed essential by the program faculty to include, but not limited to, written and oral communication, comprehension and critical analysis of professional literature, basic use of the library, Internet, and other information systems, and competence in statistics and relevant mathematics.
9. **Admissions Index Form:** After the interview, the Graduate Counseling Admissions Committee will complete the Index Score - Admission form.
10. **Admission Committee Approval:** Approval of the Graduate Counseling Admissions Committee for the department within the parameters established by the College of Education and the Graduate Council.
11. **Student Notification:** The student will be notified of the Admission Committee's decision in writing.
12. **There is no Conditional Admission for School Counseling, Clinical Mental Health Counseling, or Rehabilitation Counseling Programs.**

APPLICATION DEADLINES

Fall Admission (August): July 15th application deadline.

Spring Admission (January): November 15th application deadline.

The priority deadlines for new applicants to the Counseling Program are July 15th for the Fall semester and November 15th for the Spring semester. Applications received after these deadlines may be considered; however, admission is contingent upon program availability at the time of review. Applications are process in the order they are deemed complete, upon receipt of all required documents.

Students seeking readmission to the program after being inactive for two or more years or following academic suspension must submit all required application materials to the Admissions Office for review. A decision regarding reentry

and the appropriate start date will be determined upon evaluation of the completed application.

COUNSELING PROGRAM GUIDELINES

1. **Required Hours.** Students enrolled in programs in Counseling must complete 60% of their program's required total courses and the required pre-requisite courses, before they can register for practicum. (Required hours to be completed 60 hour program- 12 courses.) Students should see their academic adviser for specific requirements.
2. **Internships/Practicum.** Students are required to complete supervised internship and practicum courses according to the requirements outlined in the CRIT CE Programs Practicum and Internship Handbook.
3. **Comprehensive Examination.** Students should consult the comprehensive examination section below for program information and requirements.
4. **Student Handbooks.** Students enrolled in Counseling programs are required to follow all policies, procedures, guidelines and regulations stated in the Counseling Programs Student Handbook and the Practicum/Internship Handbook. These two handbooks are common for all programs. A third common handbook, CRIT CE Supervision Handbook, is provided to professionals supervising practicum and internships.
5. **Research Requirement.** Students enrolled in the Counseling programs are required to take CP 6691 Research Methods at Troy University. This course cannot be substituted with another Troy University research course. However, a graduate-level Research Methods course taken at another CACREP-accredited program can be transferred upon approval.

COMPREHENSIVE EXAM

Clinical Mental Health Counseling Master's Degree students must take and pass the Comprehensive Preparation Comprehensive Exam (CPCE) as the comprehensive examination to complete the counseling program. The following steps are a guideline to follow in the event the student is unsuccessful at passing the written comprehensive examination:

- Should students fail the first attempt of the comprehensive exam, they must meet with their assigned faculty advisor and create a Comprehensive Exam Remediation Plan. The student will have two additional opportunities to retake the exam within one year of the date originally taken.
- If, after three total attempts, the student has not passed the comprehensive exam, then the student must petition their assigned faculty advisor to have their competency assessed through the Graduation Index.
- If the student does not meet the passing criteria using the Graduation Index, then the student must petition their assigned faculty advisor and the department chair to take the CPCE. The student will be given three additional attempts to pass the exam. The exam must be completed within 12 months of the student's first attempt at the comprehensive exam.

- If the student is unable to demonstrate their competency after the aforementioned six attempts, then the student will be dismissed from the program.

Program-specific information related to the comprehensive exam options for Rehabilitation Counseling and School Counseling is listed below:

School Counseling Students:

Students enrolled in the School Counseling Program are required to pass the Praxis II Professional School Counselor Exam prior to program completion. This exam is administered by the Educational Testing Service (ETS), and students are required to adhere to the Alabama State Department of Education and ETS guidelines regarding failed exam attempts.

Rehabilitation Counseling Students:

Students enrolled in the Rehabilitation Counseling Program can choose to take either the Certified Rehabilitation Counselor Exam (CRC) or the CPCE. The CRC exam is administered by the Commission on Rehabilitation Counselor Education (CRCC) and students are required to follow the CRCC guidelines regarding failed exam attempts. However, students in this program who choose to take the CPCE will follow the aforementioned guidelines for any failed attempts.

COUNSELING PROGRAMS

CLINICAL MENTAL HEALTH COUNSELING (60 SH)

Mission Statement:

The Clinical Mental Health Program is designed to train mental health counselors. This 60-semester hour program has been tailored to meet educational standards for state licensure and national counseling credentials.

The program is designed to provide students with knowledge of theory, application of counseling skills to various agency populations, knowledge of both normal and pathological development and behavior, and expertise in treatment planning.

Objectives for Clinical Mental Health Counseling:

The Clinical Mental Health Counseling Program seeks to prepare graduates who have achieved the following:

1. An in-depth knowledge of professional ethics, including an understanding of ethical issues and applications
2. An active professional identity as evidenced by participating in professional associations, such as the American Counseling Association
3. A strong knowledge base regarding counseling facilitation skills, theories, and techniques
4. An understanding of human development, both normal and abnormal
5. Culturally sensitive skills to ensure the ability to work with diverse populations
6. An understanding of career development and related life factors
7. An understanding of theoretical and experiential concepts of group work
8. An understanding of individual and group approaches to assessment and evaluations

9. An understanding of research methods, statistical analysis, needs assessment, and program evaluation

Curriculum for Clinical Mental Health Counseling (60 SH)

Required Courses: (51 sh)

CP 6600	3	Professional Orientation and Ethics
CP 6601	3	Legal, Ethical, and Professional Standards
CP 6605	3	Foundations of Mental Health Counseling
CP 6610	3	Facilitation Skills and Counseling Techniques
CP 6642	3	Group Dynamics and Counseling **
CP 6649	3	Theories of Counseling
CP 6691	3	Research Methodology
PSY 6635	3	Vocational Psychology and Career Development
PSY 6645	3	Evaluation and Assessment of the Individual **
PSY 6668	3	Human Lifespan and Development
PSY 6669	3	Behavior Pathology
PSY 6670	3	Diagnosis and Treatment Planning
CP 6650	3	Practicum (100 hours)
CP 6651	3	Counseling Diverse Populations
CP 6656	3	Marriage, Family, and Sex Therapy Counseling
CP 6659	3	Internship: Mental Health (300 hours)
CP 6660	3	Internship: Mental Health (300 hours)

****Note: Residency Component Required**

Select Option I or Option II below: (9 sh)*

OPTION I (Required for licensure in Florida)

CP 6634*	3	Drug Education, Prevention, and Intervention
XXXX	6	Hours of adviser approved electives

OR

OPTION II

- 9 sh of Adviser-approved electives

REHABILITATION COUNSELING (60 SH)

Mission Statement:

The mission of the Troy University Rehabilitation Counseling program is to prepare rehabilitation counselors to provide rehabilitation services designed to assist individuals with disabilities to achieve their maximum potential. In addition, services will be provided to rehabilitation agencies and programs, and research related to rehabilitation are pursued. The Troy University program leads to a Master of Science degree with a specialty in Rehabilitation Counseling. Students choose an academic concentration in one of the following areas 1. Clinical Rehabilitation; 2. Public and Community Rehabilitation; 3. Rehabilitation and Deaf and Hard of Hearing Services; 4. Counseling Military Populations; and 5. Addictions Counseling. Upon graduation, graduates will have the foundational knowledge, skill and experiences necessary to enter the profession of rehabilitation counseling and practice as rehabilitation counselors.

Objectives for Rehabilitation Counseling:

To prepare master's-level rehabilitation counselors who

1. understand and follow the Code of Professional Ethics for Rehabilitation Counselors;

2. know the laws that affect individuals with disabilities and are able to advocate for the rights of those individuals;
3. understand the concept of choice, self-advocacy and self-determination, and promote these concepts throughout the rehabilitation process;
4. value the worth and dignity of all individuals and view individuals with disabilities as equal partners in the rehabilitation process;
5. demonstrate the ability to practice counseling techniques, job placement skills, and career strategies that will assist individuals with disabilities to develop the skills and competencies they need to function effectively in society; and
6. know the technology and accommodations that are available to provide individuals with disabilities access to work, leisure, and school activities.

To continuously update the Rehabilitation Counseling Specialty by

1. encouraging communication, feedback, and evaluation between faculty, students, and community resources to promote quality programmatic improvement;
2. providing a balanced curriculum of knowledge and skill development that is consistent with the requirements of the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
3. promoting research by students and faculty in the area of rehabilitation counseling; and
4. promoting participation in local, state and national professional rehabilitation and counseling associations.

Curriculum For Rehabilitation Counseling (60 SH)

Required Courses (45 sh)

CP 6600	3	Professional Orientation and Ethics
CP 6610	3	Facilitation Skills and Counseling Techniques
CP 6649	3	Theories of Counseling
PSY 6645	3	Evaluation and Assessment of the Individual **
CP 6691	3	Research Methodology
CP 6651	3	Counseling Diverse Populations
PSY 6635	3	Vocational Psychology and Career Development
PSY 6668	3	Human Lifespan and Development
CP 6650	3	Practicum (100 hours)
CP 6670	3	Internship: Rehabilitation Counseling (300 hours)
CP 6671	3	Internship: Rehabilitation Counseling (300 hours)
PSY 6688	3	Medical/Psychosocial Aspects of Disability
CP 6652	3	Rehabilitation Delivery and Process
CP 6686	3	Job Development and Placement
CP 6642	3	Group Dynamics and Counseling **

****Note: Residency Component Required**

Select one (adviser approval required): (3 sh)

PSY 6664	3	Assessment of Disabling Conditions
CP 6682	3	Leadership and Advocacy: Deaf and Hard-of-Hearing Services
CP 6685	3	Case Management

- CP 6687 3 Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities
- CP 6680 3 Counseling Approaches to Working with Individuals who are Deaf/Hard-of-Hearing
- CP 6681 3 Seminar: Counseling Approaches to Working with Visual Impairment

- Or Adviser-Approved Elective in Rehabilitation Counseling

Select one academic concentration: (12sh)

Clinical Rehabilitation

Core Courses (12 sh)

- CP 6685 3 Case Management
- CP 6634 3 Drug Education, Prevention, and Intervention
- CP 6656 3 Marriage, Family, and Sex Therapy Counseling
- PSY 6670 3 Diagnosis and Treatment Planning *

*The prerequisite, PSY 6669-Behavior Pathology must be taken as an elective

Public And Community Rehabilitation

Core Courses (12 sh)

- CP 6685 3 Case Management
- CP 668 3 Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities
- PSY 6669 3 Behavior Pathology
- PSY 6670 3 Diagnosis and Treatment Planning

Rehabilitation and Deaf/Hard-Of-Hearing Services

Core Courses (12 sh)

- CP 6680 3 Counseling Approaches to Working with Individuals who are Deaf/Hard-of-Hearing
- CP 6682 3 Leadership and Advocacy: Deaf and Hard-of-Hearing Services
- CP 6685 3 Case Management
- CP 6687 3 Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities

Note: * According to SLPI (proficiency) levels and individual needs, students may also take up to four ASL classes.

Counseling Military Populations

Core Courses (12 sh)

- CP 6618 3 Counseling Military Service Personnel and their Families
- CP 6619 3 Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service Populations
- PSY 6610 3 Physiological Dynamics of Alcohol & Other Drugs
- CP 6685 3 Case Management

Addictions Counseling

Core Courses (12 sh)

- CP 6617 3 Treatment Theories and Modalities of

Addictive Disease

- CP 6634 3 Drug Education, Prevention, and Intervention
- PSY 6610 3 Physiological Dynamics of Alcohol & Other Drugs
- CP 6685 3 Case Management

SCHOOL COUNSELING (60 SH)

Mission Statement:

The School Counseling Program is designed to train graduate level students as school counselors. The program meets Alabama State Department of Education guidelines for school counselor certification and follows guidelines of Council for Accreditation of Counseling and Related Programs. The curriculum is designed to train school counselors in the knowledge of theory, application of counseling skills in working with K-12 grade level students, knowledge of program development, foundations, and implementation of comprehensive guidance programs, development of professional and personal dispositions, advocacy of children and adolescents, and development of graduate students to become professional school counselors.

Objectives for School Counseling:

1. To develop knowledge of the foundations of school counseling to include history, philosophy, current trends/issues, models, roles, functions, professional identity, leadership/advocacy strategies and legal and ethical issues.
2. To develop skills in technology as applied to school counseling.
3. To develop sensitivity to provide counseling to diverse school populations and skills to identify barriers that may impede academic, career, and personal/social development of students.
4. To develop skills in comprehensive guidance program development (e.g., ASCA National Model) to include needs assessments, program development and program evaluation.
5. To develop skills related to academic and behavioral assessment of students and interpretation of assessment results to administrators, parents and students.
6. To develop knowledge of understanding the influence of multiple factors (family dynamics, violence, abuse, disorders, substance abuse, anxiety, depression) that impact school age students.
7. To develop knowledge and skills in counseling to include individual, group, crisis management and classroom guidance
8. To develop knowledge and skills in collaboration and consultation to effectively work with community agencies, parents, teachers and other school personnel.
9. To develop knowledge and skills in conducting programs designed to enhance students' academic, personal/social, career and other developmental needs of students.
10. To understand the effects of health/wellness, atypical growth and development and resiliency on school age children.

11. To develop school emergency management plans and understand the role of the school counselor during crises, disasters and other trauma-causing events.
12. To develop knowledge in counseling, prevention and intervention including theories of effective counseling, techniques of counseling, treatment planning, and strategies for identifying student strengths and weaknesses to deal with problems.
13. To develop an understanding of research and evaluation including research relevant to the practice of school counseling, program evaluation, accountability, outcome data and best practices.
14. To develop knowledge of the relationship of the school counseling program to the academic mission of the school and skills for teaching counseling and guidance-related curricula.
15. To develop knowledge of the qualities, principles and skills of effective leadership in schools and to understand the role of the school counselor as system change agent.
16. To understand and have knowledge of student services such as the Individual Education Plans (IEP), the 504, and the Student Support Team (SST).

Additional School Counseling Requirements:

1. Hold a valid Teaching Certificate in any field. Temporary, provisional, and other nonrenewable certifications are not acceptable. (See below for admission option for students without a current Teaching Certificate).
2. To complete certification requirements, students also must have two years of professional experience. Traditional School Counseling Effective July 1, 2017, and thereafter, two full years of full-time, acceptable professional educational work experience for admission to the program.
3. A minimum cumulative/overall graduating grade point average of 2.5 (Effective July 1, 2017, a GPA of 2.75 is required) on the baccalaureate transcript.
4. Successful completion of a criminal background check/fingerprinting.

Admission to CACREP Accredited School Counseling Program without Teaching Certificate

(Option offered by Alabama State Department of Education):

1. Students who have an earned bachelor's degree from a regionally accredited college or university but who did not complete a bachelor's or master's degree professional educator preparation program may apply for admission to a Troy University CACREP accredited school counseling program.
2. Students applying to the program must meet all University and Counseling program admission requirements as outlined in this catalog.
3. Successful completion of a criminal background check/fingerprinting.

There is no Conditional Admission for the School Counseling program.

Note: Candidates are restricted to six hours of graduate coursework prior to admission to the Graduate Teacher Education Program (GTEP) School Counseling.

Curriculum for School Counseling (60 sh)

Required Courses: (54 sh)

CP 6600	3	Professional Orientation and Ethics
CP 6610	3	Facilitation Skills and Counseling Techniques
CP 6635	3	Crisis Response Management
CP 6641	3	School Counseling and Program Management
CP 6642	3	Group Dynamics and Counseling **
CP 6645	3	Current Trends in School Counseling
CP 6649	3	Theories of Counseling
CP 6651	3	Counseling Diverse Populations
CP 6691	3	Research Methodology
PSY 6606	3	Interventions for Children and Adolescents
PSY 6635	3	Vocational Psychology and Career Development
PSY 6645	3	Evaluation and Assessment of the Individual **
PSY 6668	3	Human Lifespan and Development
PSY 6669	3	Behavior Pathology
PSY 6670	3	Diagnosis and Treatment Planning
CP 6650	3	Practicum (100 hours)
CP 6657	3	Internship: School Counseling (300 hours)
CP 6658	3	Internship: School Counseling (300 hours)

****Note: Residency Component Required**

Electives (6 sh)

Students must take two advisor approved electives (6 sh)

**Students who have not taken the survey of special education course are required to take that course. After July 1, 2017, a special education course must be at the graduate level.*

SPE 6640	3	Teaching Students with Special Needs
CP 6656	3	Marriage, Family, and Sex Therapy Counseling
PSY 6620	3	Introduction to Play Therapy
CP 6616	3	Treatment of Addictive Family Diseases
CP 6617	3	Treatment Theories and Modalities of Addictive Disease
CP 6634	3	Drug Education, Prevention, and Intervention
PSY 6610	3	Physiological Dynamics of Alcohol & Other Drugs
PSY 6648	3	Theories of Personality

Note: The program is designed to provide students with knowledge of theory and application of counseling skills particularly as it relates to providing general counseling.

CERTIFICATE IN REHABILITATION AND DEAF/HARD-OF-HEARING STUDIES

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding

Graduate School admission requirements, transfer credit, and other critical policies and procedures.

*****All courses for the Certificate in Infant and Early Childhood Mental Health Counseling are online with the exception of the internship which will be completed online with two face-to-face intensive days at the Troy Campus.***

MISSION STATEMENT

The *Certificate in Rehabilitation and Deaf/Hard-of-Hearing Studies* is designed to provide rehabilitation counseling students with knowledge about the principles of deaf culture and the skills needed to apply medical and psychosocial techniques to counseling with individuals who are deaf or hard-of-hearing.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Option 1: Admission for Current Students

Students must be admitted to the Graduate School and the Master of Science in Counseling Program (Division of Counseling, Rehabilitation, and Interpreter Training) at Troy University. (See Graduate Admissions and program requirements.)

Option 1 (a): Rehabilitation counseling students in good standing who have successfully completed CP 6652 and have a Sign Language Proficiency Index (SLPI) of Intermediate or a reasoned plan to achieve that level prior to completion of coursework.

Option 1 (b): Clinical mental health or school counseling students in good standing with a recommendation from their current program advisor and successful completion of CP 6652, and who have a Sign Language Proficiency Index (SLPI) of Intermediate or a reasoned plan to achieve that level prior to completion of coursework.

Option 1 (c): Rehabilitation counseling students in good standing at other CORE//CACREP accredited universities with permission from their university and the successful completion of CP 6652 or an approved comparable course, and who have a Sign Language Proficiency Index (SLPI) of Intermediate or a reasoned plan to achieve that level prior to completion of coursework.

Option 2: Admission for Post-Master's Students - Completed Master's in Counseling (48 sh minimum)

Students who have graduated from a master's degree counseling program (minimum 48 semester hours) at Troy University or another university may be admitted to the certificate program. (See Post Master's Admission and Certificate Program Admission Requirements in the graduate catalog. Admission is unconditional.)

Option 2 (a): Rehabilitation counseling graduates of a CORE/ CACREP program with a Sign Language Proficiency Index (SLPI) of Intermediate or a reasoned plan to achieve that level prior to completion of coursework.

Option 2 (b): Rehabilitation counseling graduates of nonaccredited programs or other counseling graduates

with the successful completion of CP 6652 or an approved comparable course, and who have a Sign Language Proficiency Index (SLPI) of Intermediate or a reasoned plan to achieve that level prior to completion of coursework.

Additional Requirements for Option 2:

- completion of a master's degree in counseling
- degree program that required 48 semester hours or equivalent
- degree from a regionally accredited university
- degree in counseling must have included a counseling clinical practicum and internship
- two letters of professional reference

COURSE REQUIREMENTS

Students admitted to the Certificate in Rehabilitation and Deaf/Hard-of-Hearing Studies Program may qualify for the certificate by completing five (5) specified courses or 15 semester hours with an overall 3.0 grade point average or better, and with a minimum Sign Language Proficiency Index (SLPI) of Intermediate.

CURRICULUM (15 SH)

CP 6680	3	Counseling Approaches to Working with Individuals who are Deaf/Hard-of-Hearing
CP 6682	3	Leadership and Advocacy: Deaf and Hard-of-Hearing Services
CP 6685	3	Case Management
CP 6687	3	Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities
CP 6670	3	Internship: Rehabilitation Counseling
OR		
CP 6671	3	Internship: Rehabilitation Counseling

OTHER REQUIREMENTS

Students who wish to be issued a certificate must submit the following to their home campuses:

- Certification Intent
- Copy of student transcript

GRADUATE CERTIFICATE IN ADDICTIONS COUNSELING

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

MISSION STATEMENT

The graduate certificate program is designed to provide Counseling students with adequate knowledge of theory, application of counseling skills particularly as it relates to addictions counseling, knowledge of both normal and pathological development and behavior, and expertise in diagnosis and treatment planning.

ADMISSION REQUIREMENTS

Option 1: Admission for Current Students

Students must be admitted to the Graduate School and the Master of Science in Counseling program at Troy University. See Graduate Admissions and the Master of Science in Counseling program requirements.

Option 2: Admission for Post-Master's Students - Completed Master's in Counseling (48 sh minimum)

Students who have graduated from a master's degree counseling program (minimum 48 semester hours) at Troy University or another university may be admitted to the certificate program. See Post Master's Admission and Certificate Program Admission Requirements in the graduate catalog. Admission is unconditional.

Additional requirements for Option 2:

- completion of a master's in counseling degree program that required 48 semester hours or equivalent.
- degree is from a regionally accredited university
- degree in counseling must have included a counseling clinical practicum and internship
- two letters of professional reference

COURSE REQUIREMENTS

Students admitted to the Addictions Counseling Certificate Program may qualify for the Certificate by completing five (5) specified courses or 15 semester hours with an overall 3.0 grade point average or better.

Required Courses: (6 sh)

CP 6665	3	Internship: Addictions Counseling
CP 6666	3	Internship: Addictions Counseling

Select THREE courses from the following: (9 sh)

CP 6602	3	Treatment of Behavioral Addictions
CP 6616	3	Treatment of Addictive Family Diseases
CP 6617	3	Treatment Theories and Modalities of Addictive Disease
CP 6634	3	Drug Education, Prevention, and Intervention
PSY 6610	3	Physiological Dynamics of Alcohol & Other Drugs

OTHER REQUIREMENTS

Students who wish to be issued a certificate must submit the following to their home campuses:

- Certification Intent
- Copy of student transcript

CERTIFICATE IN INFANT AND EARLY CHILDHOOD MENTAL HEALTH COUNSELING

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

*****All courses for the Certificate in Infant and Early Childhood Mental Health Counseling are online with the exception of the internship which will be completed online with two face-to-face intensive days at the Troy Campus.***

MISSION STATEMENT

The Infant and Early Childhood Mental Health Counseling Certificate Program (IECMHCPC) is designed to provide graduate level course work, which is intended to be aligned with Alabama Association for Infant & Early Childhood Mental Health Competency Guidelines. Professionals completing the certificate program (absent some years of clinical experience) should have the requisite coursework needed for endorsement.

RATIONALE

The Infant and Early Childhood Mental Health Counseling Certificate Program provides an opportunity for current and returning students to enhance their clinical skill set and expand their professional expertise in working with infant and early age children and their families.

Note: This is not a CACREP accredited certificate program.

However, recognition of this program being aligned with the Alabama Association for Infant & Early Childhood Mental Health Competency Guidelines is actively being sought. This certificate program may not qualify for financial aid. Check with your financial aid provider to determine eligibility.

OBJECTIVES FOR INFANT AND EARLY CHILDHOOD MENTAL HEALTH COUNSELING CERTIFICATE PROGRAM

1. Gain an in-depth knowledge of attachment, neurobiology, ethics, biopsychosocial factors, clinical mental health and reflective perspective to understand conceptualization, assessment and treatment of infants, early age children and their families.
2. Develop multicultural, social justice and reflective perspectives related to skills to ensure the ability to work with diverse infants and early age children and their families.
3. An understanding of human development including biopsychological, pathological/non-pathological development, neuroscience, cognition, emotions and behavior related to infants, early age children and their families.
4. Expertise in mental health assessment, assessment, evaluation and diagnosis of issues that are significant to infants, early age children and their families.
5. Expertise in comprehensive treatment planning, implementation and reflective consultation/supervision that encompasses working with infants, early age children and their families.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation

- Transcripts

All certificate students must be admitted to the Graduate School and the Department of Counseling, Rehabilitation and Interpreter Training (CRIT) in order to qualify for the certificate. See Graduate Admissions and the Department of CRIT admissions requirements for further information.

Option 1: Admission for Current Students

Students must be admitted to the Graduate School and admitted to one of the following Master's programs: Counseling, Psychology, Social Work, Early Childhood Education, or Social Science at Troy University. See Graduate Admissions and the specific Master's program requirements.

Additional requirements for Option 1:

- Two letters of professional reference
- Letter of intent
- Resume/CV

Option 2: Admission for Post-Master's Students - Completed Master's in Counseling (48 sh minimum)

Students who have graduated with a Master's Degree in Counseling, Psychology, Social Work, Early Childhood Education, or Social Science from Troy university or another regionally accredited university may be admitted to the Infant and Early Childhood Mental Health Counseling Certificate Program.

Additional requirements for Option 2:

- Two letters of professional reference
- Letter of intent
- Resume/CV

COURSE REQUIREMENTS

Candidates admitted to the Infant and Early Childhood Mental Health Counseling Certificate may qualify for the Certificate by completing five (5) specified courses or 15 semester hours with a minimum grade point average (GPA) of 3.0.

CURRICULUM (15 SH)

PSY 6607	3	Introduction to Infant/Early Childhood Mental Health
PSY 6609	3	Infant/Early Childhood Testing and Evaluation
PSY 6612	3	Infant/Early Childhood Neuroscience, Diagnosis & Treatment Planning
PSY 6615	3	Reflective Supervision
PSY 6679	3	Infant/Early Childhood Internship (400 hours)

To include two face-to-face eight-hour day intensives, otherwise all coursework is offered 100% online.

***Perspective students must note: As student will be working with infants, early age children and their families, background checks may be required.**

****The courses may only be taken in sequential order (i.e., First PSY 6607 followed by PSY 6609 and so on) as this is a one-year long cohort model with the certificate culminating with the completion of the internship.**

POST-MASTER'S CERTIFICATE IN CLINICAL MENTAL HEALTH COUNSELING

Students should consult the General Regulations sections of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Mission Statement

The Post-Master's Certificate in Clinical Mental Health Counseling is designed to provide post-master's counseling students with advanced concentration of theory and application skills specifically related to clinical mental health counseling with a conceptual framework of both normal and pathological development and behavior, as well as, expertise in diagnosis and treatment planning for mental health disorders.

RATIONALE

The Post-Masters Certificate in Clinical Mental Health Counseling provides an opportunity for current Masters level counselor to enhance their clinical skill set and expand their professional expertise.

NOTE: This is not a CACREP accredited certificate program.

ADMISSION REQUIREMENTS

Option 1: Admission for Post-Masters Students with a Master's Degree in Counseling from Troy University or another regionally accredited university.

Students who have graduated with a Master's Degree in Counseling from Troy University or another regionally accredited university to be admitted for the Post-Masters certificate. The Master's Degree in Counseling must have included a minimum of at least one Practicum or Internship. Admission is unconditional. Additional requirements:

- Two letters of professional reference
- Letter of intent
- Resume
- Admission Interview

Option 2: Admission for Current Students.

Students must be admitted to the Graduate School and a counseling program in the Department of Counseling, Rehabilitation, and Interpreter Training. See Graduate Admission and the program requirements.

COURSEWORK

Required Courses: (6sh)

CP 6659	3	Internship: Mental Health (300 hours)**
CP 6660	3	Internship: Mental Health (300 hours)**

Elective: (12sh)

CP 6650	3	Practicum - Clinical Mental Health Counseling (100 hours)**
CP 6601	3	Legal, Ethical, and Professional Standards
CP 6605	3	Foundations of Mental Health Counseling

CP 6634	3	Drug Education, Prevention, and Intervention
CP 6656	3	Marriage, Family, and Sex Therapy Counseling
PSY 6644	3	Bio-Psychology
PSY 6669	3	Behavior Pathology
PSY 6670	3	Diagnosis and Treatment Planning *

***Must have successfully completed a graduate level counseling course in Behavior Pathology or Psychopathology.**

****Must complete 60 percent of certificate academic courses prior to enrolling in CP 6650, CP 6659, or CP 6660**

OTHER REQUIREMENTS

Students who wish to be issued a certificate must submit the following to their home campus:

1. Certification Intent
2. Certificate Plan and Progress Report
3. Copy of transcript
4. Recent passing score on the CPCE or NCE

POST-MASTER'S CERTIFICATE IN COUNSELING MILITARY POPULATIONS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

*****All courses for the Certificate in Infant and Early Childhood Mental Health Counseling are online with the exception of the internship which will be completed online with two face-to-face intensive days at the Troy Campus.***

MISSION STATEMENT

The Post-Masters Certificate in Counseling Military Populations is designed to provide post-masters counseling professionals with advanced concentration of theory and application skills specifically related to working with military members and their respective families with a conceptual framework of both normal and pathological development and behavior as well as expertise in diagnosis and treatment planning for mental health disorders.

RATIONALE

The Post-Masters Counseling the Military Certificate provides an opportunity for current Masters level counselors to enhance their clinical skill set and expand their professional expertise in working with military personnel and their families.

Note: This is not a CACREP accredited certificate program. This certificate program may not qualify for financial aid. Check with your financial aid provider to determine eligibility.

OBJECTIVES

1. An in-depth knowledge of professional ethics, including an understanding of ethical issues and applications with a focus on military populations and their families.
2. Culturally sensitive skills to ensure the ability to work with diverse military populations and their families.
3. An understanding of human development including biopsychological, normal and pathological development and behavior in specialized cultural and environmental perspectives.
4. Expertise in mental health assessment, evaluation and diagnosis of issues that are significant to military personnel and their families.
5. Expertise in comprehensive treatment planning and implementation that encompasses the military personnel, their family and community.

ADMISSION REQUIREMENTS

All certificate students must be admitted to the Graduate School and to the Division of Counseling, Rehabilitation and Interpreter Training (CRIT) in order to qualify for the certificate. See Graduate Admissions and the Division of CRIT admission requirements for further information.

Option 1 - Admission for Current Students:

Students must be admitted to the Graduate School and the MS in Counseling program at Troy University. See Graduate Admissions and the MS in Counseling program requirements.

Option 2 - Admission for Post-Masters Students with a Master's Degree in Counseling (minimum 48 sh) from Troy University:

Students who have graduated with a Master's Degree in Counseling (minimum 48 semester hours) from another regionally accredited university may be admitted to the Post-Masters Certificate in Counseling Military Populations. Their Master's Degree in Counseling must have included at least one Clinical-level Practicum and/or Internship (consisting of at least 300 on-site hours with supervision) and a Graduate level Counseling or Psychology Course in Behavior Pathology or Psychopathology.

Additional requirements for Option 2:

- Two letters of professional reference
- Letter of intent
- Resume/CV
- Admission interview

Option 3 - Admissions for Post-Masters Students with a Master's Degree in Counseling (minimum 48 sh) from another regionally accredited university:

Students who have graduated with less than a 48 semester-hour Master's Degree in Counseling from Troy University or another regionally accredited university may be admitted to the Post-Masters Certificate in Counseling Military Populations upon the completion of prerequisites that result in the equivalent of a 48 hour program. This may also require that the student complete a Clinical-level Internship (consisting of at least 300 on-site hours with supervision) and a Graduate level Counseling or Psychology Course in Behavior Pathology or Psychopathology.

Additional requirements for Option 3:

- Two letters of professional reference
- Letter of intent
- Resume/CV
- Admission interview

Option 4: Admission for Post-Masters Students with less than a 48 sh Master's Degree in Counseling from Troy University or another regionally accredited university:

Students who have graduated with less than a 48 hours Master's Degree in Counseling and Psychology from Troy University or another regionally accredited university may be admitted to the Post-Masters certificate. Their master's degree in Counseling must have included at least one clinical-level Practicum and/or Internship (consisting of at least 300 on-site hours with supervision) and a graduate-level Counseling or Psychology course in Behavior Pathology of Psychopathology. Students may be admitted to the Certificate Program upon completion of prerequisites that are equivalent to a 48 hour program. Admission is unconditional.

Additional requirements for Option 4:

1. Students **MUST** meet with a faculty advisor prior to pursuing this certificate program.
2. Prerequisite courses, as approved by faculty advisor, **MUST** be completed as a Post Master's student prior to being admitted to the Certificate Program and must be documented on a transcript showing completion of those academic courses.
3. Additional coursework to meet Certificate entry requirements (the equivalent of a 48 sh program) cannot include coursework that is part of the Certificate that the student is applying for.
4. Transfer credit outside educational institutions may not be applied to Division Certificates program requirements.
5. The following are required for admission into the certificate program:
 - Two letters of professional reference
 - Letter of intent
 - Resume
 - Admission Interview

COURSEWORK

Candidates admitted to the Post-Masters Counseling the Military Certificate may qualify for the Certificate by completing five (5) specified courses or 15 semester hours with a minimum grade point average (GPA) of 3.0.

CP 6618	3	Counseling Military Service Personnel and their Families
CP 6619	3	Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service Populations
PSY 6610	3	Physiological Dynamics of Alcohol & Other Drugs
PSY 6644	3	Bio-Psychology
CP 6661	3	Internship: Mental Health (300 hours)*, OR
CP 6635	3	Crisis Response Management, OR

CP 6625-27 3 Specialized Study in Counseling

***Must complete 60 percent of certificate academic courses prior to enrolling in CP 6661.**

Note: Must have successfully completed a Graduate-level Counseling or Psychology Course in Behavior Pathology or Psychopathology or it must be taken in the Certificate.

OTHER REQUIREMENTS

Students who wish to be issued a certificate must submit the following to their home campus:

- a. Certification Intent
- b. Certificate Plan and Progress Report
- c. Copy of student transcript

EDUCATION SPECIALIST (EDS) COUNSELING NON-CERTIFICATION PROGRAM

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The EdS in Counseling is restricted to students who hold a minimum 30-semester hour master's degree in counseling. It is not a program which is approved by the Alabama State Department of Education as a certification program.

GOALS

The Counseling program provides broader experiences in counseling. The knowledge base expands the student's exposure to theories of counseling, group leadership, and specialized areas of study.

OBJECTIVES FOR COUNSELING EDS

1. To expand knowledge of the functions, roles, professional identity, current trends/issues, professional organizations, and professional identity.
2. To expand sensitivity and skill in providing counseling services to diverse cultural populations.
3. To expand knowledge and skill in research.
4. To expand knowledge of principles, theories, and practices of community interventions.
5. To expand knowledge related to the general principles and practices of etiology, diagnosis, treatment, referral, and prevention of mental and emotional disorders and dysfunctional behavior.
6. To expand the ability to apply sound clinical and ethical judgment and skills.
7. To demonstrate psychological health and the ability to use high levels of self-awareness.

CURRICULUM (30 SH)

Required Courses: (18 sh)

CP 6635	3	Crisis Response Management
CP 7700	3	Advanced Practicum in Group Leadership
CP 7702	3	Advanced Theories and Techniques of Counseling
CP 7740	3	Theories of Counseling Supervision
CP 7791	3	Research Seminar (<i>May be taken multiple times for a total of 3 sh</i>)
PSY 6659	3	Cognitive and Behavioral Interventions

Field Project: (3 sh)

CP 7794	3	Field Project

Adviser Approved Electives (9 sh)

All coursework applied toward Ed.S. degree program must be earned at the 6000 level or above.

CP 6616	3	Treatment of Addictive Family Diseases
CP 6617	3	Treatment Theories and Modalities of Addictive Disease
CP 6618	3	Counseling Military Service Personnel and their Families
CP 6619	3	Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service Populations
CP 6634	3	Drug Education, Prevention, and Intervention
PSY 6610	3	Physiological Dynamics of Alcohol & Other Drugs
PSY 6693	3	Psychological and Educational Statistics
PSY 6644	3	Bio-Psychology
PSY 6648	3	Theories of Personality

OR

9 semester hours of Adviser Approved Electives

Note: Students who wish to complete the program entirely online should consult advisor for online only electives options.

MASTER OF SCIENCE IN PSYCHOLOGY

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Psychology is a scientific discipline that interfaces biological and social sciences to prepare students for working with people in a vast array of settings and fields. The Master of Science in Psychology will prepare graduate students with a comprehensive psychological foundation in research and theory. Therefore, students will be uniquely equipped to gain employment opportunities not just within the field of psychology, but also other fields of study to include social sciences and human services.

Students will gain advanced skills in critical thinking, interpersonal communication, research design and reporting, ethics, cultural diversity, APA writing skills and advanced knowledge in psychological theories.

**This is a non-licensure/non-certification degree. This degree is intended for students who want to pursue a doctoral degree or post-*

secondary teaching opportunities, as well as those who may benefit from a general master's degree in psychology.

Location: Troy Online

PROGRAM OBJECTIVES

Upon completion of this degree students will be able to:

1. Identify, describe, and apply the concepts and principles of psychology.
2. Describe psychological research including experimental design, measurement, analysis, and application.
3. Demonstrate cultural competence in a global environment.
4. Use the American Psychological Association's (APA) Ethical Principles of Psychologists and Code of Conduct as guides for making ethical decisions.
5. Apply psychological theory and research skills to professional work and/or more advanced study in the area of psychology.

ADMISSION REQUIREMENTS

Program admission is determined by a committee of psychology faculty and is based on the Graduate School application materials. After all application materials are received from the Graduate School, the committee will review all the eligible applicants for acceptance into the program twice a year. Following the committee's review, applicants will be notified of their admission status.

Unconditional Admission

1. Hold a master's or higher degree from a regionally accredited or equivalent institution outside the United States. No test score or letter of recommendation is required for those who hold a master's or higher degree from an accredited university for any master's level program. All official transcripts must be provided.

OR

2. Hold a baccalaureate degree from a regionally accredited or equivalent institution outside the United States with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.

OR

3. Students may also be granted temporary admission if they are still in progress of completing their Bachelor's or Master's program when applying.

AND

4. Provide an official Troy University Letter of Recommendation that addresses the individual's potential for success in the selected graduate program as well as individual written and oral communication skills. Recommendations should be from the applicant's most recent employer or other workplace supervisor, university/college instructor, academic advisor, department chair, or dean. See Admission for details regarding submission of letter.

Additional Requirements for Unconditional Admission

In addition to meeting Troy University's graduate school admissions requirements, applicants must also submit the following:

- Personal statement: In 750-1000 words, please discuss your past education and experience, academic and professional plans, and reasons for wishing to undertake graduate work in psychology in Troy University's Master of Science in Psychology program.

Temporary Admission

Temporary admission may be granted to undergraduate students who are projected to graduate before the upcoming term for admission. These applicants (who have not yet earned a baccalaureate degree) must submit all other admission materials (e.g., all college transcripts, personal statement, and one recommendation letter) to be considered for Temporary Admission.

Conditional Admission

Conditional admission does not apply to this program.

TRANSFER CREDIT

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of "B" or better can be applied toward this degree. These courses must be comparable in catalog description to Troy University courses in the Psychology Graduate Program and be approved by the department chair and college dean. No transfer credit will be accepted for the three required core courses (PSY 6617, PSY 6689, PSY 6690).

DEGREE REQUIREMENTS

The successful completion of 33 semester hours, including 3 hours of a capstone course and successful completion of a written comprehensive exam, with an overall grade point average of 3.0. If the student makes a "D" or "F" in a required core course, the course must be retaken. If a student makes a "D" or "F" in an elective course, the course may be retaken, or another elective taken in its place. Students must receive a "B" or better in PSY 6689 Research Methods/Statistics I or PSY 6690 Research Methods/Statistics II.

CURRICULUM (33 SH)**Required Core Courses (12 SH)**

PSY 6689	3	Research Methods/Statistics I
PSY 6690	3	Research Methods/Statistics II
PSY 6617	3	Ethical, Legal, and Professional Issues
PSY 6682	3	Capstone

Electives (21 SH)

Choose 21 semester hours from the list of approved electives:

PSY 5559	3	Applied Behavior Analysis
PSY 6610	3	Physiological Dynamics of Alcohol & Other Drugs
PSY 6614	3	Abnormal Psychology
PSY 6616	3	Psychology of Leadership
PSY 6621	3	Social Psychology
PSY 6629	3	Psychology of Learning
PSY 6646	3	Survey of Industrial Organizational

Psychology

PSY 6648	3	Theories of Personality
PSY 6660	3	Cognitive Psychology
PSY 6661	3	Developmental Psychology
PSY 6694	3	Global Psychology Study Abroad

MASTER OF SCIENCE IN CRIMINAL JUSTICE

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The purpose of the Master of Science degree in Criminal Justice is to broaden and enhance each student's ability to understand, analyze and evaluate issues that confront the American criminal justice system. The objectives of the program's core coursework are (a) the analysis of personnel situations in light of standard personnel processes applying major personnel laws and regulations to situations arising in criminal justice organizations; (b) demonstrate a comprehensive understanding of the evolution of criminal law and procedures as evidenced by recent United States Supreme Court decisions; (c) critically evaluate the scholarly evidence considering the effectiveness of various crime control policies employed by the police, the courts, and the correctional system with both juvenile and adult offenders; and (d) explain situations in criminal justice and criminal behavior by applying various criminological theories; and (e) demonstrate an ability to appropriately apply various research designs and methodologies in criminal justice situations. Specific institutional objectives of the program are as follows:

1. to prepare students to fulfill a need in American society for professional law enforcement personnel and competent criminal justice administrators by providing educational programs that develop each student's problem solving skills in ways that prepare the student to address the issues that arise in the dynamic and evolving criminal justice field;
2. to develop each student's ability to synthesize and apply knowledge of the critical theories and concepts in the field of criminal justice in his/her problem solving analysis;
3. to develop each student's ability to identify and develop alternative solutions to problems that confront the modern criminal justice system based on his/her knowledge of current theories and concepts;
4. to develop each student's ability to evaluate and appropriately choose solutions to problems that confront the criminal justice system;
5. to develop each student's ability to effectively communicate the results of his/her analysis;
6. to provide students who seek administrative and managerial positions in the field of criminal justice with the credentials to qualify for those positions;
7. to provide an appropriate program of graduate study for students who are interested in research in the field of criminal justice and in advanced graduate study.

PREREQUISITE REQUIREMENTS

The minimum requirement for admission to the Master of Science program in Criminal Justice is a baccalaureate degree from a regionally accredited four-year institution. Students who desire to enter this program but do not have a degree in criminal justice, police administration, law enforcement, or corrections may be required to meet other criteria such as additional coursework regarding undergraduate or professional preparation. Significant professional experience may be considered. However, admission to the program does not imply official admission for the degree.

ADMISSION REQUIREMENTS FOR MASTER OF SCIENCE IN CRIMINAL JUSTICE

Documents required for application:

- Letter of Recommendation
- Transcripts

Admission Requirements:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s); AND
3. A letter of recommendation that addresses the applicant's potential for success in the Master of Criminal Justice graduate program.

Unconditional Admission

Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.

Conditional Admission

Conditional Admission does not apply to this program.

TRANSFER CREDIT

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of "B" or better can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Criminal Justice Graduate Program and be approved by the main campus dean/departments chair. If the student transfers a "core" or "required course," he/she is still subject to a written comprehensive exam based on the material presented at Troy University.

DEGREE REQUIREMENTS

Students completing the degree program with a GPA of 3.0 or higher, a grade of "B" or better in CJ 6650 Survey of Research Methods in Criminal Justice and passing a written comprehensive exam will be eligible to be awarded the degree of Master of Science in Criminal Justice. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place.

CURRICULUM

The Master of Science in Criminal Justice is a 30 semester hours program. Students may select either Criminal Justice Studies or Security Studies Concentration. All courses offer three semester hours of credit.

Required Courses (12 sh)

CJ 6620	3	Current Trends in Criminal Law and Procedure
CJ 6622	3	Seminar in Administration of Justice
CJ 6650	3	Survey of Research Methods in Criminal Justice
CRM 6636	3	Criminological Theory

Criminal Justice, General Concentration (18 sh)

Select 18 semester hours of graduate coursework from Criminal Justice or Criminology, or SOC 6628 or SOC 6633.

Security Studies Concentration: (18 sh)

Select any 4 courses (12 sh) from the following graduate courses and/or advisor approved electives.

CJ 6639	3	Seminar in Homeland Security
CJ 6642	3	Cyber and Information Threat Management
CJ 6643	3	Transportation and Border Security
CJ 6645	3	Ethics in Criminal Justice Organizations
CJ 6653	3	Seminar in Intelligence
CJ 6656	3	Selected Topics in Security
CJ 6665	3	Emergency and Crisis Management
CJ 6667	3	Intelligence Analysis
CJ 6669	3	Legal Aspects of Security
CJ 6671	3	Organization Theory
CJ 6680	3	Criminal Justice Study Abroad
CJ 6692	3	Internship in Criminal Justice
CJ 6696	3	Internship 2 in Criminal Justice
CRM 5520	3	Crime Analysis
CRM 6645	3	Seminar in Transnational Crime
IR 6635	3	National Security Policy
IR 6685	3	Terrorism and Political Violence

Electives (6 sh)

Select 6 Semester Hours of graduate coursework from Criminal Justice or Criminology disciplines, or SOC 6628 or SOC 6633.

MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

World politics have undergone a profound alteration over the past two decades. The collapse of the former Soviet Union, the evolution of the European Union, events in the Greater Middle East, the rising power of China as well as other developing countries, the influence of non-state actors such as terrorist groups and NGOs, plus concerns about national and global economic issues demonstrate a paradigm shift in international affairs. The Cold War, which dominated global events for nearly five decades, is over, yet

what will replace the norms and institutions of that era is not clear. What is apparent, however, is that the world community is increasingly interdependent, that traditional identities and values are being reexamined, and that new challenges are likely to emerge.

The Master of Science in International Relations (MSIR) degree program is a 12-course, 36-credit-hour curriculum of study designed to provide students with the foundation and knowledge needed to understand the context and conduct of international relations. Students are encouraged to gain a wide-ranging appreciation of the political, historical, cultural, economic, and geographical factors that affect international relations. This appreciation is accomplished through a program of instruction focused on international relations theory and its application but drawing from disciplines such as history, economics, and geography. Students also acquire methodological and analytical skills that improve their understanding and ability to evaluate national and global developments.

The program offers courses covering history, regional studies, comparative government, foreign policy, the global economy, geography, conflict management, national security, global climate change, international organization, international law, intercultural relations, and the politics of developing countries.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree in any subject area from a regionally accredited college or university. There are no prerequisite course requirements. Students with undergraduate degrees in areas not included in the curriculum are encouraged to inquire about the program.

Graduates of the Master of Science in International Relations program include individuals with undergraduate degrees in the social sciences as well as in such areas as English, foreign language, engineering, chemistry, mathematics, psychology, education, and business administration.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Hold a master's or higher degree from a regionally accredited university. No test score is required. An official transcript showing completion of a master's or higher degree is required.

OR

2. Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. All transcripts from all colleges or universities attended are required.

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to a graduate program. See conditional admission requirements in the General Regulations section of this Catalog.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

TRANSFER CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better grade, can be applied toward the degree; graduate-level courses completed by United States service personnel in Professional Military Education programs may also qualify for transfer credit. These courses must be comparable in catalog description to Troy University courses in the MSIR program and must be recommended for transfer credit by the Chair of the Department of Political Science and approved by the Dean of the Graduate School.

DEGREE REQUIREMENTS

1. Unconditional admission
2. Overall 3.0 GPA
3. Completion of the curriculum listed below. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place.
4. Successful completion ("B" or better) of IR 6690 - Capstone
5. Successful completion ("B" or better) of IR 6601 - Research Methods in International Relations, the program research requirement

CURRICULUM

All courses offer three semester hours credit.

The MSIR curriculum of study consists of three integral components.

1. Five core required courses with a "B" or better in IR 6601 Research Methods in International Relations.
2. The selection and completion of one program concentration.
3. The successful completion of the capstone course with a grade average of B or higher. Students must take the capstone class in their final semester or term and all core classes need to be completed prior to enrolling in the class. Students will complete a research paper that demonstrates their ability to integrate and synthesize information obtained from the course work and also shows

their ability to apply the theoretical concepts of our discipline to real world subjects. The paper will be graded by a minimum of two full-time MSIR faculty members.

Core Courses	15 sh
Concentration Elective Courses	21 sh
Total	36 sh

Required Core Courses (15 sh)

All MSIR students must take the following courses:

IR 6601*	3	Research Methods in International Relations
IR 6603	3	Introduction to International Relations
IR 6620	3	International Political Economy
IR 6652	3	International Relations Theory
IR 6690	3	Capstone

Notes: *IR 6601 must be taken within the first six classes

MSIR CONCENTRATION OPTIONS

Students must choose ONE of the following concentrations:

- Global Studies (21 sh)
- National Security Affairs (21 sh)
- Regional Affairs (21 sh)

GLOBAL STUDIES CONCENTRATION (21 SH)

Students may choose any 21 sh of the following courses:

HIS 5503	3	Contemporary Europe
HIS 5504	3	Military History of the United States
IR 6600	3	Selected Topics in International Relations
IR 6602	3	Geostrategic Studies
IR 6610	3	International Organizations
IR 6611	3	Comparative Government
IR 6614	3	International Law
IR 6615	3	Comparative Politics of North Korea
IR 6616	3	East Asian Security
IR 6617	3	Chinese Security
IR 6618	3	Chinese Intelligence in International Relations
IR 6621	3	East Asian Political Economy
IR 6622	3	European Security
IR 6623	3	Arab-Israeli Security
IR 6624	3	Geopolitics of Eurasia
IR 6625	3	Specialized Study in International Relations
IR 6626	3	Specialized Study in International Relations
IR 6627	3	Specialized Study in International Relations
IR 6628	3	International Political Geography
IR 6631	3	Intercultural Relations
IR 6632	3	Arctic and Antarctic Security
IR 6634	3	Revolutions and Change
IR 6635	3	National Security Policy
IR 6636	3	Diplomacy
IR 6637	3	Counter Insurgency and Irregular Warfare
IR 6638	3	European Political Economy and the European Union
IR 6639	3	Russian Security
IR 6640	3	Government and Politics of Developing Nations
IR 6641	3	Comparative Politics of Latin America
IR 6642	3	Comparative Politics of Russia and Eastern

		Europe
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6644	3	Comparative Politics of the Middle East
IR 6645	3	Comparative Politics of East Asia
IR 6646	3	Comparative Politics of South Asia
IR 6647	3	Comparative Politics of Western Europe
IR 6648	3	Comparative Politics of Sub-Saharan Africa
IR 6649	3	Cyber Warfare and International Relations
IR 6650	3	Environmental Security, Conflict and Development
IR 6651	3	Contemporary American Foreign Policy
IR 6655	3	International Conflict Management
IR 6656	3	Strategy
IR 6657	3	Middle Eastern Security
IR 6658	3	Middle Eastern Political Economy
IR 6659	3	Russian Hybrid Warfare
IR 6660	3	Military Strategy and International Relations
IR 6661	3	U.S. Intelligence in International Relations
IR 6663	3	Game Theory and Forecasting
IR 6664	3	European Nationalism
IR 6665	3	Readings in International Relations
IR 6671	3	European Intelligence in International Relations
IR 6673	3	Iranian Security
IR 6680	3	Security and Comparative Politics of Southeast Asia
IR 6681	3	Tribalism and Colonialism in Africa
IR 6684	3	Political Violence in Latin America
IR 6685	3	Terrorism and Political Violence
IR 6686	3	Human Security in Latin America
IR 6687	3	Latin American Political Economy
IR 6688	3	Political Islam
IR 6689	3	Internship in International Relations
IR 6691	3	Contemporary Conflicts
IR 6692	3	Economic Statecraft
IR 6693	3	Space Security
IR 6694	3	African Terrorism
IR 6695	3	Sub-Saharan African Diplomacy and Economics
IR 6696	3	Women, Peace, and Security
PA 6610	3	Global Challenges in Public Administration
PA 6622	3	Public Policy

NATIONAL SECURITY AFFAIRS CONCENTRATION (21 SH)

Students may choose any 9 semester hours of the following courses: (9 sh)

HIS 5504	3	Military History of the United States
IR 6600	3	Selected Topics in International Relations
IR 6602	3	Geostrategic Studies
IR 6614	3	International Law
IR 6615	3	Comparative Politics of North Korea
IR 6616	3	East Asian Security
IR 6617	3	Chinese Security
IR 6618	3	Chinese Intelligence in International Relations
IR 6622	3	European Security

IR 6623	3	Arab-Israeli Security
IR 6624	3	Geopolitics of Eurasia
IR 6632	3	Arctic and Antarctic Security
IR 6635	3	National Security Policy
IR 6637	3	Counter Insurgency and Irregular Warfare
IR 6639	3	Russian Security
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6649	3	Cyber Warfare and International Relations
IR 6650	3	Environmental Security, Conflict and Development
IR 6651	3	Contemporary American Foreign Policy
IR 6655	3	International Conflict Management
IR 6656	3	Strategy
IR 6657	3	Middle Eastern Security
IR 6659	3	Russian Hybrid Warfare
IR 6660	3	Military Strategy and International Relations
IR 6661	3	U.S. Intelligence in International Relations
IR 6663	3	Game Theory and Forecasting
IR 6671	3	European Intelligence in International Relations
IR 6673	3	Iranian Security
IR 6680	3	Security and Comparative Politics of Southeast Asia
IR 6684	3	Political Violence in Latin America
IR 6685	3	Terrorism and Political Violence
IR 6686	3	Human Security in Latin America
IR 6691	3	Contemporary Conflicts
IR 6693	3	Space Security
IR 6694	3	African Terrorism
IR 6696	3	Women, Peace, and Security

Approved Electives Courses: (12 sh)

Students must choose 12 semester hours from the remaining electives listed for the Global Studies Concentration.

REGIONAL AFFAIRS CONCENTRATION (21 SH)**Concentration Relevant Electives Courses: (12 sh)**

Students must take 12 hours from one of the following regional groups:

Middle East and North Africa

IR 6623	3	Arab-Israeli Security
IR 6624	3	Geopolitics of Eurasia
IR 6644	3	Comparative Politics of the Middle East
IR 6648	3	Comparative Politics of Sub-Saharan Africa
IR 6657	3	Middle Eastern Security
IR 6658	3	Middle Eastern Political Economy
IR 6673	3	Iranian Security
IR 6681	3	Tribalism and Colonialism in Africa
IR 6685	3	Terrorism and Political Violence
IR 6688	3	Political Islam
IR 6694	3	African Terrorism

Asia

IR 6615	3	Comparative Politics of North Korea
IR 6616	3	East Asian Security
IR 6617	3	Chinese Security
IR 6618	3	Chinese Intelligence in International Relations
IR 6621	3	East Asian Political Economy

IR 6624	3	Geopolitics of Eurasia
IR 6645	3	Comparative Politics of East Asia
IR 6646	3	Comparative Politics of South Asia
IR 6680	3	Security and Comparative Politics of Southeast Asia

Europe

HIS 5503	3	Contemporary Europe
IR 6622	3	European Security
IR 6624	3	Geopolitics of Eurasia
IR 6638	3	European Political Economy and the European Union
IR 6639	3	Russian Security
IR 6642	3	Comparative Politics of Russia and Eastern Europe
IR 6643	3	Russian Intelligence in International Relations: From the KGB to the FSB
IR 6647	3	Comparative Politics of Western Europe
IR 6659	3	Russian Hybrid Warfare
IR 6664	3	European Nationalism
IR 6671	3	European Intelligence in International Relations

Latin America

IR 6641	3	Comparative Politics of Latin America
IR 6684	3	Political Violence in Latin America
IR 6686	3	Human Security in Latin America
IR 6687	3	Latin American Political Economy

Approved Electives Courses: (9 sh)

Students must choose three courses from the remaining electives listed for the Global Studies Concentration.

MASTER OF PUBLIC ADMINISTRATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Mission Statement

The mission of Troy University's Master of Public Administration program is to strengthen the quality of public service by facilitating learning, promoting scholarship, improving practice, and engaging in public service. The program strives to develop graduates who bring to the public work force the intellectual acuity, ethical commitment and professional competence to effectively serve the public interest.

ADMISSION REQUIREMENTS FOR MASTER OF PUBLIC ADMINISTRATION

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

Applicants may be admitted unconditionally if they meet the following requirements:

1. Hold a master's or higher degree from a regionally accredited institution. No test score is required. An official transcript showing completion of a master's or higher degree is required.
- OR**
2. Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 GPA on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the GPA. All transcripts from all colleges or universities attended are required.

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to the graduate program. See conditional admission requirements in the General Regulations section of this Catalog.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

READMISSION OF MPA STUDENTS IN GOOD STANDING

Students who have not been enrolled for three or more years in the MPA program must complete a Readmission to Graduate School Application and meet degree requirements as stated in the most current catalog upon readmission. Students will be readmitted to the most current catalog at the time of readmission.

TRANSFER CREDIT

A maximum of 12 credit hours taken at another regionally accredited university with a grade of "B" or better can be applied to the MPA degree. These courses must be comparable in catalog description to courses in the MPA program and recommended by the Director of the MPA Program and approved by the Dean of the Graduate School. Professional Military Education (PME) courses and programs will not be accepted as transfer credits for Public Administration core courses but may be accepted as transfer credit for elective courses.

INTERNSHIP REQUIREMENTS

All students are required to complete an internship to graduate from the MPA program. Students with at least one year of professional experience managing people, organizations, programs, or financial resources may request a waiver from this requirement. Students

who are granted a waiver will take an additional elective to complete the 36 hour program requirement. All internships must be approved in advance.

RESEARCH REQUIREMENT***For Initial Master's Degree***

All graduate programs require certification of the student's ability to do research in a specialization. For the MPA program, this requirement is met by achieving a grade of "B" or better in PA 6601. Students must repeat PA 6601 if a grade of "C" or below is attained.

For Second Master's Degree

If the research requirement was completed for the first master's degree with a "B" or above, students are exempt from this requirement in the MPA program. Students exercising this exemption must complete an additional elective course in their program, or obtain approved transfer credit to achieve the minimum required credits for graduation.

DEGREE REQUIREMENTS

1. Unconditional Admission
2. Overall 3.0 GPA
3. Successful completion of PA 6699, Capstone in Public Administration, with a grade of "B" or better
4. Completion of MPA Degree curriculum. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place.

CURRICULUM

The MPA degree curriculum consists of 12 courses (36 credit hours) including eight core courses (24 credits), an internship (3 credit hours), and three elective courses (9 credit hours).

Students who qualify for an internship waiver will complete an additional elective course (3 credit hours) in lieu of the internship. Students should complete PA 6610 - Global Challenges in Public Administration and PA 6601 - Research Methods in Public Administration within their initial 12 hours in the MPA program and prior to taking PA 6622 and PA 6631.

Required Core Courses (24 sh)

PA 6601	3	Research Methods in Public Administration
PA6610	3	Global Challenges in Public Administration
PA 6622	3	Public Policy
PA 6624	3	Public Human Resource Management
PA 6650	3	Governmental Budgeting & Financial Management
PA 6665	3	Organizational Leadership
PA 6674	3	Ethics in Public Administration
PA 6699	3	Capstone in Public Administration

Required Internship (3 sh, unless waived)

PA 6694	3	Internship

Electives (9-12 credit hours)

Students must select courses from the following:

(Students may develop a specialization within their program by selecting electives with a common focus)

IR 6602	3	Geostrategic Studies
IR 6603	3	Introduction to International Relations
IR 6611	3	Comparative Government
IR 6614	3	International Law
IR 6631	3	Intercultural Relations
IR 6635	3	National Security Policy
IR 6651	3	Contemporary American Foreign Policy
IR 6656	3	Strategy
IR 6660	3	Military Strategy and International Relations
PA 6603	3	Economics for Public Management
PA 6604	3	Workforce Planning and Staffing
PA 6605	3	Training and Development
PA 6606	3	Issues in Managing the Public Workforce
PA 6607	3	Performance Measurement and Management for Public and Nonprofit Organizations
PA 6608	3	Comparative Public Administration
PA 6620	3	Theory of Organizations
PA 6630	3	Strategic Planning
PA 6631	3	Program Evaluation
PA 6632	3	Arbitration, Collective Bargaining, and Labor Relations
PA 6640	3	Intergovernmental Relations
PA 6641	3	Social Marketing in Public Administration
PA 6643	3	Advanced Public Human Resource Management
PA 6644	3	Administrative Law
PA 6645	3	Managing Government Contracts
PA 6646	3	Organizational Behavior
PA 6661	3	Global Challenges in Leadership and Management
PA 6663	3	Global Health Administration
PA 6664	3	Global Perspectives in Local Government
PA 6666	3	Foundations of Nonprofit Organizations
PA 6667	3	Executive Leadership in Nonprofit Organizations
PA 6668	3	Grant Management for Public and Non-Profit Organizations
PA 6675	3	Public Health Services Administration and Policy
PA 6676	3	Legal and Social Issues in Public Health Administration
PA 6677	3	Public Health Preparedness & Emergency Response
PA 6678	3	Introduction to Public Health
PA 6679	3	E-Governance
PA 6694	3	Internship
PA 66XX	3	Approved Adviser elective

Specialized Elective Courses

PA 6625 Specialized Study in Public Administration or PA 6660 Readings in Public Administration may be utilized with the prior approval of the Director of the MPA Program. In combination, these courses may not be used for more than six total credit hours.

CERTIFICATE IN PUBLIC HEALTH ADMINISTRATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letter of Recommendation
- Transcripts

Applicants who wish to pursue the Graduate Certificate in Public Health Administration must be admitted to the Graduate School. See Graduate Admissions Requirements.

PUBLIC HEALTH ADMINISTRATION CONCEN- TRATION REQUIREMENTS

Competency ability to appraise the organizational environment with its culture, politics, and institutional setting, both internal and external, and to perform the basic functions of public health administration, while behaving and making decisions in an ethical manner.

CURRICULUM

The Graduate Certificate in Public Health Administration requires 18 semester hours (6 courses):

Select 6 courses from the following:

PA 6641	3	Social Marketing in Public Administration
PA 6663	3	Global Health Administration
PA 6665	3	Organizational Leadership
PA 6675	3	Public Health Services Administration and Policy
PA 6676	3	Legal and Social Issues in Public Health Administration
PA 6677	3	Public Health Preparedness & Emergency Response
PA 6678	3	Introduction to Public Health

Admitted MPA students may qualify for the Certificate by completing the six required courses and maintaining an overall 3.0 GPA or better to meet certificate requirement.

OTHER REQUIREMENTS

Students who wish to be issued a certificate must submit the following to their home campus: Certification Intent and Copy of Student Transcript.

MASTER OF SOCIAL SCIENCE

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Mission Statement

The Master of Social Science degree is an interdisciplinary program for graduate students that offers a wide variety of disciplinary and interdisciplinary opportunities for advancing academic or career goals. The Master of Social Science degree makes the Social Science resources of Troy University available for student centered and highly individualized programs of graduate study. Students are welcome and encouraged to choose classes from around the University that suit their research interests.

The Master of Social Science degree provides every student with a vibrant and collaborative intellectual community and core-course training in social science theory, analytical abilities, and methodology.

Depending on needs, individualized programs will provide students with skills to:

1. Provide services to a variety of public agencies and institutions.
2. Teach in one or a variety of Social Science subject areas at a college or university level. Eighteen hours taken in a single subject area (as part of the 36 hour master's degree) will provide qualifications to teach in that subject area.
3. Effectively communicate with individuals and groups from all backgrounds.
4. Develop methodologies and skills to facilitate societal change.
5. Pursue doctoral or professional school degrees.

OBJECTIVES

1. To prepare students to fulfill a need for professionals in the area of Social Science by providing educational programs that develop each student's problem solving skills to address issues that arise in the dynamic and evolving Social Sciences field;
2. To develop each student's ability to synthesize and apply knowledge of the critical theories and concepts in the field of Social Science in his/her problem solving analysis;
3. To develop each student's ability to identify and develop alternative solutions to problems that are confronted in the Social Sciences field;
4. To develop each student's ability to evaluate and appropriately choose solutions to problems confronted in the Social Sciences field;
5. To develop each student's ability to effectively communicate the results of his/her analysis;
6. To provide an appropriate program of graduate study for students who are interested in research in the field of Social Science and in advanced graduate study.

PREREQUISITE REQUIREMENTS

The minimum requirement for admission to the Master of Social Sciences is a baccalaureate degree from a regionally accredited four year institution. Students who desire to enter this program but do not have a degree in Social Sciences or a closely related discipline may be required to meet other criteria such as additional coursework regarding undergraduate or professional preparation.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

To apply for admission to the Master of Social Science program, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s),
3. A letter of recommendation that addresses the applicant's potential for success in a Master of Social Science graduate program.

Unconditional Admission

Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours. All hours attempted in the terms in which the 30 semester hours were reached will be used to calculate the grade point average.

Conditional Admission

Conditional admission does not apply to this program.

TRANSFER CREDIT

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of "B" or better can be applied toward this degree. These courses must be comparable in catalog description to Troy University courses in the Social Science Graduate Program and be approved by the department chair and college dean. No transfer credit will be accepted for the three core courses (SS 6690, SS 6691, SS 6698).

DEGREE REQUIREMENTS

1. Unconditional Admissions
2. Overall 3.0 GPA or better
3. Successful completion of the Comprehensive Exam
4. Completion of the MS in Social Science. If the student makes a "D" or "F" in a core course, the course must be retaken. If a student makes a "D" or "F" in an elective course, the course may be retaken or another elective taken in its place. Students must receive a "B" or better in SS 6691 Survey of Research Methods in the Social Sciences and SS 6698 Social Theory.

CURRICULUM

All courses offer three semester hours credit.

Required Core Courses 9 sh

Concentration Content 18 sh

Electives 9 sh

Total 36 sh

**Note: Students must successfully complete a Comprehensive Examination.*

Required Core Courses (9 sh)

- SS 6690* 3 Seminar in Social Sciences
- SS 6691* 3 Survey of Research Methods in the Social Sciences
- SS 6698 3 Social Theory

*Note: *A grade of "B" or better is required.*

***Note: Students must successfully complete a Comprehensive Examination.**

Concentration Options:

Students must choose ONE of the following concentrations: See Graduate Catalog for list of required courses and approved electives for the selected concentration.

- **Anthropology (18 sh)**
- **Criminology (18 sh)***

**Note: To include Criminology courses (CRM) and the following courses:*

- SOC 6628 3 Gender, Crime, and Justice
- SOC 6631 3 Deviant Behavior
- SOC 6633 3 Race, Crime, and Justice
- IR 6685 3 Terrorism and Political Violence
- CJ 6630 3 Juvenile Justice
- CJ 6635 3 Community-Based Corrections/Correctional Systems
- CJ 6638 3 Seminar in Civil Liberties Related to Corrections
- CJ 6645 3 Ethics in Criminal Justice Organizations

- **Geography (18 sh)**
- **History (18 sh)**
- **Psychology (18 sh)**
- **Sociology (18 sh)**
- **Political Science (18 sh)**

Electives (9 sh)

Select any 9 semester hours of graduate coursework* from the following disciplines:

Anthropology, Criminology, Geography, History, Political Science, Psychology, or Sociology.

**Courses must be advisor-approved.*

DOCTOR OF PHILOSOPHY (PhD) IN CRIMINOLOGY

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding

Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The PhD in Criminology is designed for students who wish to work in government agencies (Department of Justice, State correctional agencies), nonprofits/community agencies, or those who want to teach in higher education. Graduates from the program will have the necessary skills to conduct research in the area of criminology that may contribute to positive change in the field.

EXPECTED PROGRAM OUTCOMES

1. Provide adequate career preparation for students planning to work in academic, research, or policy development fields related to criminology.
2. Develop the knowledge and ability to conduct empirical research, defend dissertations, and publish findings.
3. Acquire a deep understanding of the root causes of crime; critically evaluate criminological theories and apply them to real-world events.
4. Enhance analytical, critical thinking, and problem-solving skills to assess the effectiveness of public policies and criminal justice practices in addressing crime.

EXPECTED STUDENT OUTCOMES

1. Students will be able to apply critical knowledge about criminology and crime prevention perspectives to real-world events.
2. Students will demonstrate core strategies and skills to teach in higher institutions.
3. Students will demonstrate the ability to conduct original research and apply statistical knowledge.
4. Students will critically analyze the implications of empirical research outcomes in criminology and communicate these findings to shape criminal justice policies and practices.
5. Students will develop a comprehensive understanding of the effectiveness of criminal control and apply that understanding to policies and practices.
6. Students will effectively communicate complex ideas in writing and verbally.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

The applicant must submit an application to the Troy University Graduate School. To be considered for admission to the PhD in Criminology program, the applicant must:

1. Have a Master's Degree in Criminal Justice, Criminology, or Sociology from a regionally accredited institution of higher education. Applicants with other degrees may also be considered for admission.
2. Have achieved a minimum cumulative GPA of 3.6 (4.0 scale) on all graduate coursework.

The applicant must also submit the following materials:

1. Official transcripts for all post-secondary academic study, one official transcript per institution.
2. Three (3) letters of recommendation for the department-level admission committee to review.
3. Statement of Intent of up to 1000 words. The Statement of Intent should include details of your rationale for pursuing a Ph.D. in Criminology and details regarding your past career and research interests.
4. Writing Sample (maximum of 1000 words) The goal of the writing sample is to measure the applicant's ability to write clearly and succinctly in an academic fashion. The writing sample will assist the Doctoral Admission Committee in evaluating the applicant's research, writing, analytical and problem-solving skills. The writing sample may include a thesis completed by the student or a significant research paper, preferable written at the graduate level and solely by the applicant. The paper should be double-spaced, 12 point, Times New Roman font with 1-inch margins on all sides. It is recommended that the writing sample follow the American Psychological Association (APA) style. However, other writing styles, including but not limited to Chico, Modern Language Association (MLA), AMA Manual or other accepted research writing styles will be considered. The Doctoral Admissions Committee will evaluate the writing sample based on the following criteria: 1) Writing Development and Critical Thinking - ability to articulate the primary concept and inform the reader of its focus; 2) Organization and Structure - development of the topic to include fluid transitions; 3) Paragraph Development - use of transitions and language within each paragraph; 4) Mechanics - appropriate spelling, grammar, and punctuation; and 5) Use of Writing Style - Although all classes and dissertation will employ the APA format, the Committee will review the sample for appropriate use of other acceptable academic research writing style such as cited in the previous paragraph. *Note: The writing sample could also include accepted or published research that the applicant has been sole or co-author of a research project. The applicant must submit a PDF of the paper or a link as proof of publication.*
5. Resume or Curriculum Vitae

The Doctoral Admission Committee may request an interview with the applicant, if needed.

APPLICATION DEADLINES

- **Fall Semester Admission:** The priority deadline for application is February 15th. Applications will be accepted until May 15 or until the program is full.
- **Spring Semester Admission:** The priority deadline for application is September 15th. Applications will be accepted until November 15 or until the program is full.

ADMISSION EXAMINATION REQUIREMENTS

TOEFL scores are required for all international students; this requirement is waived if the student has earned a bachelor's or

master's degree from a regionally accredited U.S. institution. Students scoring 70 or higher on the Internet-based TOEFL Test, 193 or higher on the Computer-based Test, and a 523 or higher on the Paper-based TOEFL Test will be given full consideration for admission into the doctoral program. Students scoring below these requirements may be required to (in addition to other admission requirements) interview with the Doctoral Admissions Committee prior to full consideration of admission into the program.

DOCTORAL ADMISSION COMMITTEE

The Doctoral Admissions Committee will be composed of criminology faculty members with doctoral directive status. Once all of the application information has been received from the Graduate School, the Criminology Doctoral Admission Committee will review all the eligible applicants. After the committee considers all aspects of the admission process, it will make a recommendation regarding an applicant's admission into the PhD in Criminology Program. After a decision has been made, applicants will be notified of their status.

DOCTORAL DISSERTATION COMMITTEE

The members of the Dissertation Committee should be appointed no later than 30 credit hours into the program. The Dissertation Committee shall consist of at least three members. At least two persons (including the chairperson) should be from the College of Education and Behavioral Sciences. If a student requests a faculty member from another institution, the faculty member must hold full-time Graduate Faculty status at the home institution, must be approved by the other members of the Dissertation Committee and be acknowledged by the Dean of the Graduate School at Troy University.

ADMISSION TO DOCTORAL CANDIDACY

The student who has achieved all degree requirements except the dissertation is a doctoral candidate. To qualify for doctoral candidacy, students must (1) complete all coursework with a minimum GPA of 3.0 and (2) pass the comprehensive examination.

DISSERTATION

The doctoral dissertation serves as the final requirement of the PhD program. PhD students in Criminology may choose to write either a 5-chapter traditional dissertation (Introduction, Literature Review, Methods, Results, and Discussion and Conclusions) or a 3-paper dissertation. Students should consult with their dissertation chair to decide which dissertation format they will select. For students who choose the traditional dissertation format, there are two defenses:

1. The dissertation proposal with covers Chapter 1: Introduction, Chapter 2: Literature Review, and Chapter 3: Methodology
2. The final defense, which includes all components of the dissertation.

The most recent edition of the American Psychological Association (APA) will be the only writing style accepted in writing the dissertation. Additionally, a 12-point Times New Roman font should be

used consistently throughout the document. The student is encouraged to review the Troy University Dissertation Guidelines on the Troy University Graduate School website for further information.

DISSERTATION PROPOSAL

The dissertation proposal (Chapters 1, 2, and 3 - Methodology) indicates the student's commitment to the dissertation committee to complete the proposed dissertation in a reasonable time frame, generally a year or more. The proposal is a document that formally presents the student's written description of the formal doctoral dissertation; the dissertation committee is responsible for reviewing the proposal to determine the feasibility of the proposal methodology.

The committee's approval endorses the research plan and indicates the committee supports initiating or continuing the dissertation process. Drafts of the proposal will only be reviewed by members of the dissertation committee. Feedback and suggestions from dissertation committee members will be incorporated until the draft is considered acceptable by all members of the dissertation committee. The students should anticipate review by the dissertation committee and the incorporation of feedback to consume approximately two to three weeks.

FINAL DEFENSE

Upon completion of the dissertation, the student must successfully complete an oral defense pertaining to the dissertation research. The final defense provides the candidate with an opportunity to address all components of the dissertation such as the introduction, importance of the study, methodology, results, discussion/conclusion and references. The work must be of publishable quality using the Graduate School's Dissertation Guidelines format requirement. To complete their degree, each doctoral candidate is required to prepare, present, and orally defend a dissertation that shows independent investigation. Upon completion of the dissertation, the student must successfully complete an oral defense pertaining to the dissertation research.

When the dissertation has been approved by all members of the Dissertation committee, the student with the approval of the Dissertation chair will determine the date, time, and site of the oral Dissertation defense. All members of the Dissertation committee must receive a copy of the candidate's dissertation at least two weeks prior to the scheduled defense. If the student does not pass the oral dissertation defense, a subsequent oral defense may be scheduled at the discretion of the Dissertation chair. Only after the student has successfully defended the dissertation will the members of the dissertation committee sign the Dissertation Acceptance Page(s). The dissertation chair will notify the Dean of the Graduate School at least one week in advance of the scheduled oral Dissertation defense. The oral Dissertation defense must occur at least four weeks before the intended date of graduation/commencement. Due to distance constraints, if the student cannot physically be on the Troy campus for the dissertation defense, the student is responsible to arrange video conferencing technology for a virtual defense, per the dissertation committee approval, for the dissertation defense.

CONTINUOUS ENROLLMENT

Students must be continuously enrolled for a minimum of one credit hour in Dissertation (CRM 8849) per term during and including the term in which they successfully defend their dissertation. Dissertation credit hours may exceed but may not be less than the minimum of 12 semester hours. For example, if students have 12 dissertation credit hours but do not successfully defend their dissertation, they will be required to enroll in at least one credit hour of Dissertation (CRM 8849) until they successfully defend their dissertation.

AFTER THE DISSERTATION DEFENSE

Dissertations must be written in English and must be acceptable in form and content to present to the Dissertation Committee and to the Graduate School.

The work must be of publishable quality using the Graduate School's Dissertation Guidelines format requirement. The Dissertation must be reviewed by the Graduate School for adherence to the Dissertation formatting requirements (Appendix C in the Dissertation Guidelines). The student must submit a flawless copy printed on regular paper to the Graduate School (Adams Administration Building, Room 231, Troy Campus) for format review. The appropriate number of "Dissertation Acceptance Pages" and "Human and Animal Review Forms" printed on bonded paper with appropriate original signatures should be submitted along with Dissertation. The Dissertation and other required pages are to be submitted in a "10 X 13" heavy manila envelope with a copy of the title page adhered to the front of the manila envelope. The last date a fully approved Dissertation may be submitted to the Dean of the Graduate School is three (3) full weeks prior to the date of graduation. **THIS DEADLINE IS NOT NEGOTIABLE.**

The student is responsible for checking the University Academic Calendar for relevant deadlines for commencement for the semester in which he or she plans to graduate.

THREE PAPER DISSERTATION

Doctoral candidates who choose the three-paper dissertation format must produce three publishable manuscripts instead of the traditional five-chapter dissertation. Each manuscript should be unique, with significant differences in theoretical perspective, approach, methods, or the sample and/or dataset used. The doctoral candidate must be the primary author of all articles and should have contributed much of the original conceptual and intellectual work for each manuscript. The roles of any co-authors must be clearly specified. While all manuscripts must meet publishable quality standards, publication is not a requirement for the dissertation to be approved.

TEACHING REQUIREMENT

Students in the PhD in Criminology program must gain teaching experience prior to completing their degrees. This requirement can be met in various ways, including being appointed a teaching assistantship or teaching as an adjunct instructor at Troy University or other external higher education institutions.

CURRICULUM (60 SH)

A. Required Courses (24 Semester Hours)

B. Electives (24 Semester Hours)

C. Dissertation (12 Semester Hours)

Required Courses (24 sh):

All students will be required to take and achieve a minimum grade of "B" in each of the following doctoral core classes:

CRM 8810	3	Research Methods I
CRM 8820	3	Research Methods II
CRM 8811	3	Applied Statistics I
CRM 8821	3	Applied Statistics II
CRM 8824	3	Advanced Seminar in Criminology
CRM 8826	3	Seminar in Theory and Practice of Crime Prevention
CRM 8830	3	Teaching Practicum
CRM 8841	3	Justice Policy and Crime

Electives (24 sh):

Select 24 semester hours from the following advisor-approved courses:

CRM 8809	3	Professionalization Proseminar
CRM 8822	3	Seminar in Criminal Justice
CRM 8823	3	Seminar in Sentencing and Punishment
CRM 8825	3	Advanced Seminar in Victimology
CRM 8831	3	Qualitative Methods Practicum
CRM 8832	3	Juvenile Justice and Gangs
CRM 8833	3	Community Context of Crime
CRM 8834	3	Cybercrime, Cybersecurity, and Society
CRM 8835	3	Globalization and Crime
CRM 8836	3	Mass Incarceration and Social Inequality in America
CRM 8840	3	Public Policy, Crime, and Criminal Justice
CRM 8842	3	Crime and Social Deviance
CRM 8843	3	Anthropology of Law and Crime
CRM 8844	3	Selected Topics in Criminology
CRM 8845	3	Special Topics in Statistics & Data Analysis
CRM 8893	3	Independent Study
CRM 8895	3	Directed Study

Dissertation (12 sh):

CRM 8849	1-3	Dissertation (Candidate may repeat for a total of 12 semester hours.)

DOCTOR OF PHILOSOPHY (PhD) IN GLOBAL LEADERSHIP

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

Purpose

The purpose of this program is to provide opportunities for working professionals to acquire a doctoral degree in Global Leadership. As an internationally positioned institution, Troy University's (TROY) mission and goals are focused on promoting the economic and social growth of Alabama, the southeastern United States and world-

wide. Troy University identified a need to develop and deliver an applied doctoral program for a new generation of global leaders in an ever-changing environment driven by technology. Troy University established a Ph.D. in Global Leadership program for professionals in leadership positions in today's complex work environments: private and public, domestic and international.

The program aims to develop leadership skills and competencies: students will acquire a mastery of theory and practice as well as a background of knowledge in research, policy analysis, human capital development, and their application including developing systems to create and effectively lead organizational change, facilitation of global teams, effective communication, and improving organizational effectiveness. Students will complete core coursework and choose a specialization in one area: Public Administration, Organizational Leadership or Global Healthcare Leadership, Strategic Communication, Educational Leadership and Administration, Higher Education or Public Administration. An international internship is a required element of the Global Leadership Ph.D. program, requires travel to a country outside of the United States and must be completed before being eligible for graduation.

EXPECTED PROGRAM OUTCOMES

Students completing TROY's doctoral program in Global Leadership will:

1. Examine global leadership from various contexts and settings.
2. Develop a global perspective; understand, respond to, and influence the larger political, social, economic, legal, and cultural context of global leadership.
3. Explore changing environments in complex, global and domestic organizations and how globalization impacts these environments and are impacted by them.
4. Develop critical thinking and analytical skills; acquire knowledge of and skills in the anticipation, analysis, and solving of leadership challenges.
5. Synthesize and apply program knowledge and skills through substantial, sustained, standards-based work in real settings.
6. Advocate, nurture, and sustain a culture and academic programs conducive to learning and professional growth.
7. Defend and publish a dissertation.

EXPECTED STUDENT OUTCOMES

1. Students will be able to analyze perspectives found in the literature, compare viewpoints, and example case studies.
2. Students will demonstrate knowledge from a global perspective and articulate and respond to the cultural context of global leadership.
3. Students will demonstrate knowledge and understanding of a broad range of texts, concepts, and issues in the field of global leadership.
4. Students will organize, conduct, and present academic papers related to concepts used in global leadership.

5. Students will acquire leadership experience in a professional setting by participating in an internship and by planning and producing an internship project paper.
6. Students will develop and define their own disciplinary field of inquiry within the field of global leadership.
7. Students will demonstrate the ability to conduct research, defend, and publish a dissertation.
8. Students will demonstrate expertise in interdisciplinary practices by integrating knowledge and theories in research projects.
9. Students will use statistical tools and interpret data from research studies and their own research.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

The applicant must submit an application to the Troy University Graduate School. To be considered for admission to the Global Leadership Ph.D. Program, the applicant must:

1. Have attained a Master's Degree from a regionally credited institution of higher education.
2. Have earned a minimum cumulative GPA of 3.0 (4.0 scale) on all graduate coursework.
3. Submit official transcripts for all post-secondary academic study, one official transcript per institution.
4. Three (3) Letters of Reference The letters of reference must address the applicant's readiness to enroll in a doctoral program. It is recommended that such individuals be previous undergraduate or graduate professors, advisors or others who can substantiate the applicant's academic preparation for admittance to a doctoral program.
5. Statement of Intent (Maximum of 1000 words.) The statement of intent should:
 - A. Include details of your rationale for pursuing a Ph.D. in Global Leadership.
 - B. Include details regarding your past career and research interests.
 - C. Include details about your projected dissertation focus area (Global Leadership Specializations: Organizational Leadership or Global Healthcare Leadership, Strategic Communication, Public Administration, Instructional Leadership and Administration, Higher Education) and how participation in the Global Leadership Program will align with your projected dissertation focus area and future career interests.
 - D. Include details about an area of interest (Global Leadership Specializations: Organizational Leadership or Global Healthcare Leadership, Strategic Communication, Public Administration, Instructional Leadership and Administration, Higher Education) for your international internship.

- E. Include an area of the world where you would like to go in order to conduct your international internship in conjunction with your projected area of research interest. If possible, specify the country where you would like to conduct your international internship as it relates to your area of research interest. *Note:* An international internship is a required element of the Global Leadership Ph.D. program, requires travel to a country outside of the United States and must be completed before being eligible for graduation. Students are responsible for all travel expenses. Scholarships may be available.

6. Writing Sample (maximum of 1000 words) The goal of the writing sample is to measure the applicant's ability to write clearly and succinctly in an academic fashion. The writing sample will assist the Doctoral Admission Committee in evaluating the applicant's research, writing, analytical and problem-solving skills. The writing sample should be written at the graduate level, and solely by the applicant.

The writing sample topic for the Organizational Leadership specialization is Leadership in the 21st Century. The Global Healthcare Leadership writing sample topic is Healthcare in the 21st Century. The writing sample should be double-spaced, 12 point, Times New Roman font with one (1) inch margins on all sides. It is recommended that the writing sample follow the American Psychological Association (APA) style. However, other writing styles, including but not limited to Chico, Modern Language Association (MLA), AMA Manual or other accepted research writing styles will be considered. The Doctoral Admissions Committee will evaluate the writing sample based on the following criteria: 1) Writing Development and Critical Thinking - ability to articulate the primary concept and inform the reader of its focus; 2) Organization and Structure - development of the topic to include fluid transitions; 3) Paragraph Development - use of transitions and language within each paragraph; 4) Mechanics - appropriate spelling, grammar, and punctuation; and 5) Use of Writing Style - Although all classes and dissertation will employ the APA format, the Committee will review the sample for appropriate use of other acceptable academic research writing style such as cited in the previous paragraph. *Note: The writing sample could also include accepted or published research for which the applicant has been sole author. The applicant must submit a link or DOI or URL link as proof of publication.*

7. Resume' or Curriculum Vitae

CONTINUOUS ENROLLMENT

Students must be continuously enrolled for a minimum of one credit hour in Dissertation (GLOL 8899) per term during and including the term in which they successfully defend their dissertation. Dissertation credit hours may exceed but may not be less than the minimum of 12 semester hours. For example, if students

have 12 dissertation credit hours but do not successfully defend their dissertation, they will be required to enroll in at least one credit hour of Dissertation (GLOL 8899) until they successfully defend their dissertation.

APPLICATION DEADLINES FOR ORGANIZATIONAL LEADERSHIP

- **Fall Admission (August):** February 15th application deadline.
- **Spring Admission (January):** September 15th application deadline.

APPLICATION DEADLINE FOR GLOBAL HEALTHCARE LEADERSHIP

Summer Admission: March 3 application deadline.

ADMISSION EXAMINATION REQUIREMENTS

TOEFL scores are required for all international students; this requirement is waived if the student has earned a bachelor's or master's degree from a regionally accredited U. S. institution. Students scoring 70 or higher on the Internet-based TOEFL Test, 193 or higher on the Computer-based Test, and a 523 or higher on the Paper-based TOEFL Test will be given full consideration for admission into the doctoral program.

DOCTORAL ADMISSION COMMITTEE

The Doctoral Admissions Committee will be composed of Global Leadership faculty members with doctoral directive status. Once all of the application information has been received from the Graduate School, the Global Leadership Doctoral Admission Committee will review all the eligible applicants. After the committee considers all aspects of the admission process, it will make a recommendation regarding an applicant's admission into the Ph.D. in Global Leadership Program. After a decision has been made, applicants will be notified of their status.

TRANSFER OF CREDIT

The Ph.D. in Global Leadership at Troy University requires 63 credit hours. No more than 18 credits of post-master's coursework or degrees or educational specialist coursework or degree or juris doctorate (J.D.) degree from a regionally accredited institution of higher education will be eligible for recognition.

Transfer Credit from Regionally Accredited Universities*

No credit may be transferred to a Troy University graduate program until a student is unconditionally admitted and has successfully completed a minimum of nine semester hours with the university. The maximum number of graduate credit hours transferred into a graduate program will not exceed 18 semester hours. Please consult specific degree programs to determine allowable transfer credit hours.

1. A grade of "B" or higher must have been earned in each course. Transfer credit will not be used to determine the Troy University grade point average. A copy of the course syllabus may be required.

2. Sixth-year degree program students must refer to the specific discipline section of the Graduate Catalog for further requirements.
3. To be acceptable as transfer credit, all hours must have been earned within eight years of the date of degree completion of the graduate program at Troy University. Credit accepted as transfer credit, which becomes over eight years old before the graduate degree requirements are completed, will become invalid and will not be counted toward graduate degree requirements.
4. Where Troy University is replacing another university under Department of Defense contracts, students will be permitted to transfer up to 18 semester hours of Troy University equivalent coursework. This rule applies for one calendar year from the start of the Troy University program and is only for students who have been in attendance at that site.
5. No credit may be transferred to a Troy University graduate program until a student is unconditionally admitted and has successfully completed a minimum of nine credit hours with the university.

Documents Required for Evaluation of Transfer Credit:

1. A completed Petition for Transfer of Graduate Credit form.
2. A copy of the official transcript showing the course(s) taken.
3. A course description taken from the college catalog where the course was taken.
4. Evidence that the course was taken for graduate credit or would have been accepted as graduate credit if not indicated on the transcript.
5. Course substitutions may be considered, as applicable.
6. A copy of the course syllabus may be required. Officially accepted transferred graduate coursework will be posted on the official Troy University transcript.

****See the Troy Graduate Catalog General Regulations for further information.***

TIME TO COMPLETE DEGREE

Consistent with other terminal degree programs at TROY, the Global Leadership doctoral students will have a maximum time for degree completion of eight years, inclusive of completing dissertation requirements. However, it is important to note that a full-time student may be able to complete coursework in three (3) years.

Note: An international internship is a required element of the Global Leadership Ph.D. program, requires travel to a country outside of the United States and must be completed before being eligible for graduation. Students are responsible for all travel expenses. Scholarships may be available. IRB approval is required before candidates start dissertation research. The IRB must approve or determine the project to be exempt prior to the start of any research activities. Additionally, dissertation may require 1-2 years to fully complete.

Internship

An international internship is a requirement of the Global Leadership Ph.D. program, requires travel to a country outside the United States, and must be completed before being eligible for graduation. Travel must be outside the country where you currently reside and outside of your nation of origin or where you hold citizenship. Students are responsible for all travel expenses. Scholarships may be available. IRB approval is required before candidates start dissertation research. The IRB must approve or determine the project to be exempt prior to start of any research activities. Additionally, dissertation may require 1-2 years to fully complete.

Doctoral Dissertation Committee

The members of the Dissertation Committee should be appointed no later than 40 credit hours into the program. The Dissertation Committee shall consist of at least three doctoral faculty members from the College of Education when the specialization is Organizational Leadership.

For the Global Healthcare Leadership specialization, dissertation committee members are composed of faculty from the College of Health Sciences and the College of Education.

If a student requests a faculty member from another institution, the faculty member must hold full-time Graduate Faculty status at the home institution, a Curriculum Vitae must be submitted for review and approval by the chair of the Dissertation Committee, and must be approved by the Dean of the Graduate School at Troy University.

ADMISSION TO DOCTORAL CANDIDACY

A doctoral candidate is someone who has fulfilled all the requirements for the degree except the dissertation. Students seeking to enter Doctoral Candidacy must have: Completed all coursework with a GPA of 3.0 or higher

DISSERTATION DEFENSES

There are three defenses: Dissertation Prospectus (Chapters 1: The Introduction and Chapter 2: The Literature Review); Dissertation Proposal (Chapter 3: Methodology); and Final Defense (all components of the dissertation must be complete and accepted by the dissertation committee for final defense).

DISSERTATION PROSPECTUS

The dissertation prospectus (Chapters 1: The Introduction and Chapter 2: The Literature Review) indicates the student's commitment to the dissertation committee to complete the proposed dissertation in a reasonable time frame, generally a year or more. The most recent edition of the American Psychological Association (APA) will be the only writing style accepted in writing the dissertation. Additionally, a 12-point Times New Roman font should be used consistently throughout the document. The student is encouraged to review the Troy University Dissertation Guidelines on the Troy University Graduate school website for further information.

Drafts of the prospectus will only be reviewed by members of the dissertation committee. Feedback and suggestions from dissertation committee members will be incorporated until the draft is considered acceptable by all members of the dissertation committee. The students should anticipate review by the dissertation committee and the incorporation of feedback to consume approximately two to three weeks.

DISSERTATION PROPOSAL

The dissertation proposal (Chapters 1, 2, and 3 - Methodology) indicates the student's commitment to the dissertation committee to complete the proposed dissertation in a reasonable time frame, generally a year or more. The proposal is a document that formally presents the student's written description of the formal doctoral dissertation; the dissertation committee is responsible for reviewing the proposal to determine the feasibility of the proposal methodology.

The committee's approval endorses the research plan and indicates the committee supports initiating or continuing the dissertation process. The most recent edition of the American Psychological Association (APA) will be the only writing style accepted in writing the dissertation. Additionally, a 12-point Times New Roman font should be used consistently throughout the document. The student is encouraged to review the Troy University Dissertation Guidelines on the Troy University Graduate school website for further information.

Drafts of the proposal will only be reviewed by members of the dissertation committee. Feedback and suggestions from dissertation committee members will be incorporated until the draft is considered acceptable by all members of the dissertation committee. The students should anticipate review by the dissertation committee and the incorporation of feedback to consume approximately two to three weeks.

Once the student has passed the Proposal Defense, the IRB Application will be signed by the Dissertation Chair and the IRB Application can be submitted. IRB approval is required before candidates start dissertation research. The IRB must approve or determine the project to be exempt prior to the start of any research activities.

FINAL DEFENSE

Upon completion of the dissertation, the student must successfully complete an oral defense pertaining to the dissertation research. The final defense provides the candidate with an opportunity to address all components of the dissertation such as the introduction, importance of the study, methodology, results, discussion/conclusion and references. Chapters 1-5 and all required dissertation components must be submitted and reviewed and accepted by the Dissertation Committee, prior to submission for final defense and subsequently, to the Graduate School. The work must be of publishable quality using the Graduate School's Dissertation Guidelines format requirement. To complete their degree, each doctoral candidate is required to prepare, present, and orally defend a dissertation that shows independent investigation. Upon completion of the

dissertation, the student must successfully complete an oral defense pertaining to the dissertation research.

When the dissertation has been approved by all members of the Dissertation committee, the student with the approval of the Dissertation chair will determine the date, time, and site of the oral Dissertation defense. All members of the Dissertation committee must receive a copy of the candidate's dissertation at least two weeks prior to the scheduled defense. If the student does not pass the oral dissertation defense, a subsequent oral defense may be scheduled at the discretion of the Dissertation chair. Only after the students has successfully defended the dissertation will the members of the dissertation committee sign the Dissertation Acceptance Page(s). The dissertation chair will notify the Dean of the Graduate School at least one week in advance of the scheduled oral Dissertation defense. The oral Dissertation defense must occur at least four weeks before the intended date of graduation/commencement.

AFTER THE DISSERTATION DEFENSE

Dissertations must be written in English and must be acceptable in form a content to present to the Dissertation Committee and to the Graduate School.

The work must be of publishable quality using the Graduate School's Dissertation Guidelines format requirement. The Dissertation must be reviewed by the Graduate School for adherence to the Dissertation formatting requirements (Appendix C in the Dissertation Guidelines). The last date a fully approved Dissertation may be submitted to the Dean of the Graduate School is three (3) full weeks prior to the date of graduation. **THIS DEADLINE IS NOT NEGOTIABLE.**

The student is responsible for checking the University Academic Calendar for relevant deadlines for commencement for the semester in which he or she plans to graduate.

PLAGIARISM

The awarding of a university degree attests that an individual has demonstrated mastery of a significant body of knowledge and skills of a substantive value to society. Any type of dishonesty in securing those credentials therefore invites serious sanctions, up to and including suspension and expulsion (See Standard of Conduct in each TROY Catalog). Examples of dishonesty include actual or attempted cheating, plagiarism***, or knowingly furnishing false information to any university employee.

***Plagiarism is defined as submitting anything for credit in one course that has already been submitted for credit in another course, copying any part of someone else's intellectual work - their ideas and/or words - published or unpublished, including that of other students, and portraying it as one's own. Proper quoting, using strict APA formatting, is required.

Plagiarism is a very serious offense that Troy University does not tolerate. Evidence of plagiarism may prevent granting of degree.

ACADEMIC SUSPENSION

Graduate students may earn no more than six term hours of grades below "B". Students who earn more than six hours of "C" grades or below are automatically academically suspended from the University for a period of one calendar year at which time the student may petition the Dean of the Graduate School for readmission. There are no conditional admissions. *Further information may be found in the General Regulations section of the catalog.*

READMISSION

For any student seeking readmission into the program, he or she must meet all degree requirements current at the time of readmission. *Further information regarding admission procedures may be found in General Regulations.*

DOCTORAL CURRICULUM

Required Core Courses (21 sh)

All students will be required to take and achieve a minimum grade of "B" in each of the following doctoral core classes.

GLOL 8801	1	Global Leadership Seminar (maximum of 3 times)
GLOL 8802	3	Introduction to Doctoral Study in Global Leadership
GLOL 8803	3	Global Leadership
GLOL 8804	3	Innovation in Global Leadership
GLOL 8805	3	Cultures, Values and Ethics in a Global Environment
GLOL 8806	3	Policy and Politics in Global Leadership
GLOL 8807	3	Internship in Global Leadership

Research (12 sh)

All students will be required to take and achieve a minimum grade of "B" in each of the following doctoral research courses:

RES 8801	3	Mixed Methods in Research Methodology
RES 8802	3	Qualitative Research Methodology
RES 8803	3	Quantitative Research Methodology
RES 8804	3	Assessment and Evaluation in Global Leadership

Dissertation (12 sh)

All students will be required to take and achieve a minimum grade of "B" in each of the following doctoral dissertation classes.

GLOL 8898	3	Writing the Dissertation in Global Leadership
GLOL 8899	9	Dissertation (Course must be taken multiple times for a total of 9 SH)

SPECIALIZATION

The specialization area is the specialization the student wishes to pursue. In consultation and with the approval of the advisor, the student will select a specialization area. Specialization areas include: Organizational Leadership or Global Healthcare Leadership, Strategic Communication, Public Administration, Instructional Leadership and Administration, or Higher Education.

ORGANIZATIONAL LEADERSHIP (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

LDR 8801	3	Introductory Seminar in Global Organizational Leadership
LDR 8802	3	Seminar in Supervision, Mentoring, and Coaching as a Global Organizational Leader
LDR 8803	3	Seminar in Global Change and Transformation
LDR 8804	3	Seminar in Global Human Resource Development
LDR 8805	3	Seminar in Planning and Management of Groups and Teams for Global Leaders
LDR 8806	3	Advanced Seminar in Global Organizational Leadership

GLOBAL HEALTHCARE LEADERSHIP (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

LDR 8804	3	Seminar in Global Human Resource Development
LDR 8805	3	Seminar in Planning and Management of Groups and Teams for Global Leaders
LDR 8806	3	Advanced Seminar in Global Organizational Leadership

Take 3 courses from NSG 8801 (3sh), NSG 8804 (3 sh), NSG 8805 (3sh), NSG 8822 (3sh), or NSG 8826 (3sh)

HIGHER EDUCATION (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

HEA 8801	3	Introductory Seminar in Global Higher Education
HEA 8802	3	Global Higher Education Leadership
HEA 8803	3	Global Perspectives in Higher Education
HEA 8804	3	Disruption and Innovation in Global Higher Education
HEA 8805	3	Contemporary Issues in Global Higher Education
HEA 8806	3	Advanced Seminar in Global Higher Education

INSTRUCTIONAL LEADERSHIP AND ADMINISTRATION (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

ILA 8801	3	Global Visionary Leadership
ILA 8802	3	Global Finance and Governance
ILA 8803	3	Global Educational Law
ILA 8804	3	Global Human Resources
ILA 8805	3	Analysis and Design of Global Educational Systems
ILA 8806	3	Advanced Seminar in Global Instructional Leadership and Administration

PUBLIC ADMINISTRATION (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

PA 8801	3	Introductory Seminar in Public Administration for Global Leaders
PA 8802	3	Global Public Administration
PA 8803	3	Advanced Readings in Global Public Administration
PA 8804	3	Seminar in Global Public Administration I
PA 8805	3	Seminar in Global Public Administration II
PA 8806	3	Seminar in Global Public Administration III

STRATEGIC COMMUNICATION (18 SH)

All students will be required to take and achieve a minimum grade of "B" in each of the following specialization classes.

COM 8801	3	Topics in Global Communication
COM 8802	3	Seminar in Global Conflict and Communication
COM 8803	3	Survey of Global Communication Studies
COM 8804	3	Contemporary Issues in Global Communication
COM 8805	3	Global Communication
COM 8806	3	Seminar in Global Media

Total Hours: 63 Semester Hours

2025-2026

TROY UNIVERSITY
M.S.Ed.: Early Childhood Education Grades P-3
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-275

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.25 or better
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 36 semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirement	9. Successfully complete Capstone course ECE 6633 with a "B" or better
5. No more than two grades below "B"	10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the M.S. in Early Childhood **MUST** hold valid certification in Early Childhood Education (P-3) at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology (or other approved research course)	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration Skills	3			

TEACHING FIELD (15 sh) Select 9 SH of advisor-approved ECE courses. Select 6 SH of additional advisor-approved courses related to the profession (e.g., EDU, ELE, SPE, RED). [At least 9 SH must be at the 600 level.]

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECE XXXX	Advisor-Approved ECE Courses	3			
ECE XXXX	Advisor-Approved ECE Courses	3			
ECE XXXX	Advisor-Approved ECE Courses	3			
	Advisor-Approved course	3			
	Advisor-Approved course	3			

CAPSTONE COURSE (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECE 6633	Integrated Thematic Curriculum	3			

ADDITIONAL REQUIRED COURSES (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			

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M.S. in Early Childhood Education – P-3
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Elementary Education Grades K-6
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-276

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.25 or better
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully complete Capstone course ELE 6633 with a "B" or better
10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the M.S. Degree Program in Elementary Education **MUST** hold valid certification in Elementary Education (K-6) at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology (or other approved research course)	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration Skills	3			

TEACHING FIELD (15 sh) Select 9 SH of advisor-approved ELE courses. Select 6 SH of additional advisor-approved courses related to the profession (e.g., EDU, ELE, SPE, RED). [At least 9 SH must be at the 600 level.]

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ELE XXXX	Advisor-Approved ELE Courses	3			
ELE XXXX	Advisor-Approved ELE Courses	3			
ELE XXXX	Advisor-Approved ELE Courses	3			
	Advisor-Approved course	3			
	Advisor-Approved course	3			

CAPSTONE COURSE (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ELE 6633	Integrated Thematic Curriculum	3			

ADDITIONAL REQUIRED COURSES (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			

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M.S. in Elementary Education – K-6
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Collaborative/Special Education
Teacher Education – Grades K-6
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s) 2. Unconditional Admission 3. 36 semester hours of credit 4. Meet residency requirement 5. No more than two grades below "B"	6. Overall GPA of 3.25 or better 7. Completion of research requirement with a "B" or better 8. All credit earned within 8 years of graduation 9. Successfully complete Capstone course SPE 6697 with a "B" or better 10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the traditional M.S. in Collaborative Teaching (Grades 6-12) **MUST** hold valid certification at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date

REQUIRED CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
SPE 6610	Research Trends and Issues in Special Education	3			
SPE 6630	Collaboration Skills	3			

Select One (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6631	Psychological Foundations of Education	3			
EDU 6645	The Nature of Intelligence				

TEACHING FIELD (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6614	Adaptive Teaching Strategies for Students with Mild Disabilities K-6	3			
SPE 6615	Adaptive Teaching Strategies for Students with Moderate/ Severe Disabilities K-6	3			
SPE 6616	Teaching Students with Emotional and Social Needs	3			
SPE 6631	Legal Issues in Special Education	3			

Capstone Course (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6697	Field Based Research Project	3			

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M.S. in Collaborative Education – K-6
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Select One (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
RED 6672	Literacy Instruction K-6*	3			
	Advisor Approved Elective	3			

*Required in not ECE, ELE, or Reading Specialist Certified

ADDITIONAL CERTIFICATION REQUIREMENTS (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course**	3			

**Note: Successful completion of a practicum is required for initial certification in all special education teaching fields by taking one of the following courses: SPE 6695 or SPE 6698.

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

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TROY UNIVERSITY
M.S.Ed.: Collaborative/Special Education
Teacher Education – Grades 6-12
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.25 or better
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully complete Capstone course SPE 6697 with a "B" or better
10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the traditional M.S. in Collaborative Teaching (Grades 6-12) **MUST** hold valid certification at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date
				to	
				to	

REQUIRED CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
SPE 6610	Educational Technology in the Curriculum	3			
SPE 6630	Collaboration Skills	3			

Select One (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6631	Psychological Foundations of Education	3			
EDU 6645	The Nature of Intelligence	3			

TEACHING FIELD (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6609	Content Enhancement	3			
SPE 6620	Service Delivery Models for Multiple Disabilities	3			
SPE 6616	Teaching Students with Emotional and Social Needs	3			
SPE 6631	Legal Issues in Special Education	3			

CAPSTONE COURSE (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6697	Field Based Research Project	3			

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M.S. in Collaborative Education – 6-12
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Select One (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
RED 6672	Literacy Instruction K-6*	3			
	Advisor Approved Elective	3			

*Required in not ECE, ELE, or Reading Specialist Certified

ADDITIONAL CERTIFICATION REQUIREMENTS (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course**	3			

**Note: Successful completion of a practicum is required for initial certification in all special education teaching fields by taking one of the following courses: SPE 6695 or SPE 6698.

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Secondary Education Grades 6-12
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program
 Teaching Field Options – Biology, History, or Mathematics

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.25 or better
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully complete Comprehensive Examination
10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the traditional M.S. in Secondary Education **MUST** hold valid professional educator certification in the same discipline at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
PSY 6631	Psychological Technology in the Curriculum	3			
SPE 6630	Collaboration Skills	3			

TEACHING FIELD (18 sh) Select 18 SH of advisor approved courses in the specific teaching field from the below. At least 9 SH must be at the 6000 level. Candidates may enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript.

☐ Biology ☐ History ☐ Mathematics

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			

ADDITIONAL CERTIFICATION REQUIREMENTS (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course**	3			

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M.S. in Secondary Education- Grades 6-12
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Required examinations for certification
- ☐ 12. Application for teacher certification
- ☐ 13. Degree Requirements
- ☐ 14. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

[illegible]

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M.S. in Secondary Education- Grades 6-12
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ADDITIONAL CERTIFICATION REQUIREMENTS (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course**	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Required examinations for certification
- ☐ 12. Application for teacher certification
- ☐ 13. Degree Requirements
- ☐ 14. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

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TROY UNIVERSITY
M.S.Ed.: Interdisciplinary Education Grades P-12
Certification / Traditional Program
 Graduate Degree Plan
36 Semester-Hour Program

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Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.25 or better
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 36 semester hours of credit	8. All credit earned within 8 years of graduation
4. No more than two grades below "B"	9. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the M.S. in Interdisciplinary Education **MUST** hold valid certification in the same discipline and grade and grade levels at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum (or an approved technology course in discipline)	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology (or approved research course in discipline)	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration Skills	3			

TEACHING FIELD (18 sh) Select ONE of the teaching fields below:

*Select 18 SH of advisor approved course in the specific teaching field. At least 9 SH must be at the 6000 level. Candidates May not enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript.

☐ **Art***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ART 6662	Seminar in Art Education	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			

☐ **Instrumental Music***☐ **Choral Music***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MUS 6696	Practicum	2			
MUS 6638	Literature Analysis	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	1			

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☐ **Physical Education***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			

ADDITIONAL REQUIRED COURSES (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Prerequisites
☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
☐ 11. Internship
☐ 12. Required examinations for certification
☐ 13. Application for teacher certification
☐ 14. Degree Requirements
☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S. in Education – Gifted Education - Grades P-12
Certification / Traditional Program
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-282

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Successfully complete EDG 6696 with a "B" or better
9. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the M.S. in Gifted Education **MUST** hold valid professional educator certification at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology (<i>requires a "B" or better</i>)	3			

TEACHING FIELD (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDG 6666	Nature and Needs of Gifted Individuals	3			
EDG 6667	Creativity	3			
EDG 6668	Integrating Thinking Skills into the Curriculum	3			
EDG 6669	Teaching Methods in Gifted Education	3			
EDG 6670	Special Populations of Gifted Students	3			
EDG 6696	Practicum in Gifted Education	3			

ADDITIONAL REQUIRED COURSES (3-6 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			

2025-2026

M.S. in Gifted Education P-12

TROY Publication 384-282

Revised 1/2025

Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Instructional Leadership & Administration
Certification / Traditional Program
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-319

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research/assessment requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Successful completion of PRAXIS
9. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. An applicant for certification in Instructional Leadership who holds Class A certification in another teaching field or area of instructional support must take all courses indicated below that were not required for certification in another program at the Class A level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED CORE COURSES (30 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ILA 6603	School Operations & Management	3			
ILA 6611	Community Relationships	3			
ILA 6613	Legal Dimensions of Education	3			
ILA 6614	Ethics & Professional Responsibilities	3			
ILA 6633	Instructional Leadership	3			
ILA 6643	Human Resource Administration	3			
ILA 6658	Working with Diverse Populations	3			
ILA 6684	Curriculum and Instructional Strategies	3			
ILA 6685	Assessment & Intervention Strategies (<i>requires a "B" or better</i>)	3			
ILA 6699	Residency	3			

REDUCED HOUR OPTION - FOR CERTIFICATION ONLY (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ILA 6603	School Operations & Management	3			
ILA 6611	Community Relationships	3			
ILA 6613	Legal Dimensions of Education	3			
ILA 6633	Instructional Leadership	3			
ILA 6643	Human Resource Administration	3			
ILA 6699	Residency	3			

ADDITIONAL REQUIRED COURSES (3 sh) *If Needed*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ILA 6658	Working with Diverse Populations	3			

2025-2026

M.S. Ed. In Instructional Leadership & Administration

TROY Publication 384-319

Revised 1/2025

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ITEMS TO BE DISCUSSED:

- ☐ 1. Admission to Graduate Teacher Education Program (GTEP)
- ☐ 2. Unconditional Admission
- ☐ 3. Class Attendance
- ☐ 4. Availability of faculty for academic advising
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Mid-Point Assessment
- ☐ 9. Prerequisites
- ☐ 10. Required examinations for certification (i.e., Praxis for Alabama)
- ☐ 11. Application for teacher certification
- ☐ 12. Degree Requirements
- ☐ 13. Other
 - 1. 10-day Residency
 - 2. Program Portfolio
 - 3. Practicum Experience
 - 4. Mentor Meeting

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Early Childhood Education Grades P-3
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program

TROY Publication 384-283

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 45 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.25 or better
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Completion of PSY 6631 with a "B" or better
10. Graduation Application Filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom <i>(must be among first course taken)</i>	3			
EDU 6611	Educational Technology in the Curriculum <i>(or advisor approved technology course)</i>	3			
EDU 6691	Research Methodology* <i>(or other approved research course)</i>	3			
ELE 6650	Mathematics Pedagogy 1: Numbers and Operations and Algebraic Thinking	3			
RED 6631	Language & Literacy Acquisition: Birth to Grade 3	3			
RED 6672	Literacy Instruction: K-6	3			
SPE 6640	Teaching Students with Special Needs <i>(SPE 6630 only allowed if pre-requisite is met)</i>	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECE 6618	Designing Prosocial Learning Environments	3			
ECE 6632	Authentic Assessment in the Early Childhood Classroom	3			
ECE 6634	Inquiries into Logic-Mathematical Knowledge	3			
RED 6676	Literacy Assessment & Intervention	3			
ELE 6652	Mathematics Pedagogy 3: Geometry and Measurement	3			

INTERNSHIP & INTERNSHIP SEMINAR* (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECE 6674	Early Childhood Internship Grades P-3	6			
ECE 5544	Internship Seminar	3			

2025-2026

M.S. in Early Childhood Education – P-3
 TROY Publication 384-283
 Revised 1/2025
 Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Elementary Education Grades K-6
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program

TROY Publication 384-284

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 45 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Graduation Application Filed

REQUIRED CORE COURSES (36 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom (<i>must be among first course taken</i>)	3			
EDU 6611	Educational Technology in the Curriculum (<i>or advisor approved technology course</i>)	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* (<i>or other approved research course</i>)	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6631	Language & Literacy Acquisition: Birth to Grade 3	3			
RED 6672	Literacy Instruction: K-6	3			
RED 6676	Literacy Assessment & Intervention	3			
SPE 6640	Teaching Students with Special Needs (<i>SPE 6630 only allowed if pre-requisite is met</i>)	3			
ELE 6650	Mathematics Pedagogy 1: Numbers and Operations and Algebraic Thinking	3			
ELE 6651	Mathematics Pedagogy 2: Data Analysis, Statistics, and Probability	3			
ELE 6652	Mathematics Pedagogy 3: Geometry and Measurement	3			

*A grade of "B" or better is required.

INTERNSHIP & INTERNSHIP SEMINAR (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ELE 6674	Elementary Internship Grades K-6	6			
ELE 5544	Internship Seminar	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Collaborative/Special Education
Teacher Education – Grades K-6
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program

TROY Publication 384-287
 Revised 1/2025
 Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	5. Overall GPA of 3.25 or better
2. Unconditional Admission	6. Completion of research requirement with a "B" or better
3. 45 semester hours of credit	7. All credit earned within 8 years of graduation
4. No more than two grades below "B"	8. Graduation Application Filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom (<i>must be among first course taken</i>)	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* (<i>or other approved course</i>)	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6672	Literacy Instruction K-6	3			
SPE 6631	Legal Issues in Special Education	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh) *At least 8 semester hours must be at the 6000 level.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6614	Adaptive Teaching Strategies for Students with Mild Disabilities K-6	3			
SPE 6615	Adaptive Teaching Strategies for Students with Moderate/ Severe Disabilities K-6	3			
SPE 6638	Reading Interventions for Students with Special Needs	3			
SPE 6640	Teaching Students with Special Needs (<i>SPE 6630 only allowed if pre-requisite is met</i>)	3			
RED 6676	Literacy Assessment and Intervention	3			

INTERSHIP & INTERNSHIP SEMINAR* (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6655	Collaborative Internship Grades K-6	6			
SPE 5544	Internship Seminar	3			

*Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level. After July 1, 2017, a special education course must be at the graduate level.

2025-2026

M.S. in Collaborative Education K-6 Alt-A
 TROY Publication 384-287
 Revised 1/2025
 Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Collaborative/Special Education
Teacher Education – Grades 6-12
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program

TROY Publication 384-288

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 45 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Graduation Application Filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom <i>(must be among first course taken)</i>	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* <i>(or other approved course)</i>	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6630	Directed Reading Practicum	3			
SPE 6631	Legal Issues in Special Education	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh) *At least 8 semester hours must be at the 6000 level.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6609	Content Enhancement	3			
SPE 6616	Teaching Students with Emotional and Social Needs	3			
SPE 6620	Service Delivery Models for Multiple Disabilities	3			
SPE 6640	Teaching Students with Special Needs <i>(SPE 6630 only allowed if pre-requisite is met)</i>	3			
RED 6674	Literacy in the Content Area Grades 6-12	3			

INTERSHIP & INTERNSHIP SEMINAR* (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6654	Collaborative Internship Grades 6-12	6			
SPE 5544	Internship Seminar	3			

*Note: In addition to the required core, a survey course in special education is required unless previously completed at the undergraduate and graduate level. After July 1, 2017, a special education course must be at the graduate level.

2025-2026

M.S. in Collaborative Education 6-12- Alt-A
 TROY Publication 384-288
 Revised 1/2025
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Secondary Education Grades 6-12
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program
Teaching Field Options- Biology, History, or Mathematics

TROY Publication 384-285

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	5. Overall GPA of 3.25 or better
2. Unconditional Admission	6. Completion of research requirement with a "B" or better
3. 45 semester hours of credit	7. All credit earned within 8 years of graduation
4. No more than two grades below "B"	8. Graduation Application Filed

PREREQUISITE UNDERGRADUATE COURSES:

Prerequisite courses as determined by individual admission evaluation.

32 semester hours in Teaching field with 19 of those hours in upper-division courses

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom (<i>must be among first course taken</i>)	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* (<i>or other approved course</i>)	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6674	Literacy in the Content Area Grades 6-12	3			
SPE 6640	Teaching Students with Special Needs (<i>SPE 6630 only allowed if pre-requisite is met</i>)	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh) Select ONE of the following:
☐ Biology ☐ History ☐ Mathematics

Select 15 SH of advisor approved courses in the specific teaching field. At least 8 SH must be at the 6000 level. Candidates may not enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

INTERSHIP & INTERSHIP SEMINAR (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SED 6695	Secondary Internship Grades 6-12	6			
SED 5544	Internship Seminar	3			

2025-2026

M.S. in Secondary Education 6-12- Alt-A
 TROY Publication 384-288
 Revised 1/2025
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Secondary Education Grades 6-12
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program
Teaching Field Options- English/Language Arts

TROY Publication 384-320

Revised 1/2025

Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 45 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Graduation Application Filed

PREREQUISITE UNDERGRADUATE COURSES:

Prerequisite courses as determined by individual admission evaluation.

32 semester hours in Teaching field with 19 of those hours in upper-division courses

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom (<i>must be among first course taken</i>)	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* (<i>or other approved course</i>)	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6674	Literacy in the Content Area Grades 6-12	3			
SPE 6640	Teaching Students with Special Needs (<i>SPE 6630 only allowed if pre-requisite is met</i>)	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh)

Select 15 SH of advisor approved courses in the specific to the discipline. At least 8 SH must be at the 6000 level. Candidates may not enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript. **Candidates should consult their academic advisor regarding any specific course requirements in the teaching field.** Comprehensive degree programs require coursework in multiple disciplines.

For certification recommendation in English Language Arts an applicant must have earned 12 semester hours of advisor approved course credit in **two** of the following areas: English, Journalism, Speech, Drama (Theatre). Additionally, must have earned 3 semester hours in language or composition study (ENG 6642).

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ENG 6642	Theory and Practice of Written Composition	3			
		3			
		3			
		3			
COM or JRN	Advisor Approved Elective	3			

INTERSHIP & INTERNSHIP SEMINAR (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SED 6695	Secondary Internship Grades 6-12	6			
SED 5544	Internship Seminar	3			

2025-2026

M.S. in Secondary Education 6-12- Alt-A
 TROY Publication 384-320
 Revised 1/2025
 Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Secondary Education Grades 6-12
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program
Teaching Field Options- Social Science

TROY Publication 384-320

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	5. Overall GPA of 3.25 or better
2. Unconditional Admission	6. Completion of research requirement with a "B" or better
3. 45 semester hours of credit	7. All credit earned within 8 years of graduation
4. No more than two grades below "B"	8. Graduation Application Filed

PREREQUISITE UNDERGRADUATE COURSES:

Prerequisite courses as determined by individual admission evaluation.

32 semester hours in Teaching field with 19 of those hours in upper-division courses

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom <i>(must be among first course taken)</i>	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* <i>(or other approved course)</i>	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6674	Literacy in the Content Area Grades 6-12	3			
SPE 6640	Teaching Students with Special Needs <i>(SPE 6630 only allowed if pre-requisite is met)</i>	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh)

Select 15 SH of advisor approved Social Science courses in two of the following areas: Economics, Geography, History, Political Science, or Social Science. At least 8 SH must be at the 6000 level. Candidates may not enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

INTERSHIP & INTERSHIP SEMINAR (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SED 6695	Secondary Internship Grades 6-12	6			
SED 5544	Internship Seminar	3			

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M.S. in Secondary Education 6-12- Alt-A
TROY Publication 384-320
Revised 1/2025
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ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Prerequisites
- ☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
- ☐ 11. Internship
- ☐ 12. Required examinations for certification
- ☐ 13. Application for teacher certification
- ☐ 14. Degree Requirements
- ☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
M.S.Ed.: Interdisciplinary Education Grades 6-12
Certification / Alternative Fifth Year
 Graduate Degree Plan
45 Semester-Hour Program

TROY Publication 384-286

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 45 semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.25 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Graduation Application Filed

PREREQUISITE UNDERGRADUATE COURSES:

Prerequisite courses as determined by individual admission evaluation.

32 semester hours in Teaching field with 19 of those hours in upper-division courses

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom (<i>must be among first course taken</i>)	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology* (<i>or other approved course</i>)	3			
PSY 6631	Psychological Foundations of Education	3			
RED 6674	Literacy in the Content Area Grades 6-12 (<i>Secondary & P-12</i>)	3			
SPE 6640	Teaching Students with Special Needs (<i>SPE 6630 only allowed if pre-requisite is met</i>)	3			

*A grade of "B" or better is required.

TEACHING FIELD (15 sh) Select ONE of the teaching fields below:

*Select 15 SH of advisor approved course in the specific teaching field. At least 8 SH must be at the 6000 level. Candidates may not enroll in any 5000 level course if it duplicates the same course listed on an undergraduate transcript.

☐ **Art***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ART 6662	Seminar in Art Education	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			
ART XXXX	Advisor Approved Art Course	3			

☐ **Instrumental Music***☐ **Choral Music***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MUS 6696	Practicum	2			
MUS 6638	Literature Analysis	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	3			
MUS XXXX	Advisor Approved Music Course	1			

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M.S. in Interdisciplinary Education 6-12- Alt-A

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☐ **Physical Education***

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			
	Advisor Approved Course	3			

INTERSHIP & INTERSHIP SEMINAR (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IDE 6655	Interdisciplinary Internship in Grades 6-12	6			
IDE 5544	Internship Seminar	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Prerequisites
☐ 10. Admission to the Graduate Teacher Education Program (GTEP)
☐ 11. Internship
☐ 12. Required examinations for certification
☐ 13. Application for teacher certification
☐ 14. Degree Requirements
☐ 15. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Education Specialist: Early Childhood Education
Grades P-3
 Graduate Degree Plan
30-36 Semester-Hour Program

TROY Publication 384-289

Revised 1/2025

Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s) of all academic work	6. Overall GPA of 3.25 or better
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 30-36 semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirement	9. Successfully complete Capstone course EDU 7757 with a "B" or better
5. No more than two grades below "B"	10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the Education Specialist Degree Program in Early Childhood **MUST** hold valid certification in Early Childhood Education (P-3) at the master's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED PROFESSIONAL CORE* (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6693	Psychological and Educational Statistics	3			
EDU 7709	Seminar in Decision-making for Teachers and Educational Administrators	3			
EDU 7730	The Teacher Leader	3			
ECE 7790	Qualitative Research Methodology	3			

SELECT NON-THESIS OR THESIS OPTION (6 sh)**Non-Thesis**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 7770	Action Research I (<i>A grade of "B" or better is required</i>)	3			
EDU 7771	Action Research II (<i>A grade of "B" or better is required</i>)	3			

OR**Thesis**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 7795	Thesis (<i>may be repeated</i>)	6			

TEACHING FIELD (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ECE 7760	Leading for Learning in the Social Environment	3			
ECE 7762	School Accreditation Process	3			
ECE 7763	Legal Issues and Ethics in Education	3			

ADVISOR-APPROVED TEACHING FIELD COURSES (3 sh) Select 3 additional hours of advisor-approved course related to the profession (e.g., EDU, ELE, SPE, RED). A candidate may not enroll in a 6000-level course if it duplicates the same course listed on the master's transcript.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Advisor Approved Elective	3			

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Education Specialist: Early Childhood Education
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 Page 2 of 2

ADDITIONAL CERTIFICATION REQUIREMENTS (6 sh) *Only if not previously completed.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			
EDU 6611	Educational Technology in the Curriculum	3			

Note: Required Capstone Research Project in EDU 7770 Action Research I and EDU 7771 Action Research II

***The student must conduct an advisor approved Capstone Research project in EDU 7770 and EDU 7771. This course must be taken within The last two terms of the program completion. All requirements for the Capstone Research Project are to be completed in EDU 7770 and EDU 7771.**

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Required examinations for certification
- ☐ 10. Application for teacher certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Education Specialist: Elementary Education
Grades K-6
 Graduate Degree Plan
30-36 Semester-Hour Program

TROY Publication 384-290

Revised 1/2025

Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s) of all academic work
2. Unconditional Admission
3. 30-36 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.25 or better
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully complete Capstone course with a "B" or better
10. Graduation Application Filed

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the Education Specialist Degree Program in Elementary Education (Grades K-6) **MUST** hold valid certification in Elementary Education (K-6) at the master's level, AND must meet all other admission requirements as stipulated in the Graduate Catalog.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED PROFESSIONAL CORE* (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6693	Psychological and Educational Statistics	3			
EDU 7709	Seminar in Decision-making for Teachers and Educational Administrators	3			
EDU 7730	The Teacher Leader (<i>documented by the submission of the EXP form</i>)	3			
ELE 7790	Qualitative Research Methodology	3			

SELECT NON-THESIS OR THESIS OPTION (6 sh)**Non-Thesis**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 7770	Action Research I (<i>A grade of "B" or better is required</i>)	3			
EDU 7771	Action Research II (<i>A grade of "B" or better is required</i>)	3			

OR**Thesis**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EDU 7795	Thesis (<i>may be repeated</i>)	6			

TEACHING FIELD (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ELE 7736	Mentoring and Supervision in ELE	3			
ELE 7762	School Accreditation Process	3			
ELE 7763	Legal Issues and Ethics in Education	3			

ADVISOR-APPROVED TEACHING FIELD COURSES (3 sh) Select 3 additional hours of advisor-approved course related to the profession (e.g., EDU, ECE, SPE, RED). A candidate may not enroll in a 6000-level course if it duplicates the same course listed on the master's transcript.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Advisor Approved Elective	3			

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Education Specialist: Elementary Education
 TROY Publication 384-290
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ADDITIONAL CERTIFICATION REQUIREMENTS (6 sh) *Only if not previously completed.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Special Education Survey Course	3			
EDU 6611	Educational Technology in the Curriculum	3			

Note: Required Capstone Research Project in EDU 7770 Action Research I and EDU 7771 Action Research II

***The student must conduct an advisor approved Capstone Research project in EDU 7770 and EDU 7771. This course must be taken within The last two terms of the program completion. All requirements for the Capstone Research Project are to be completed in EDU 7770 and EDU 7771.**

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Required examinations for certification
- ☐ 10. Application for teacher certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Education Specialist: Teacher Leader
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-253

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. Overall GPA of 3.5 or better
5. No more than two grades below "B"
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Successfully complete PRAXIS II in Teacher Leader
9. Graduation Application filed
10. Hold an Alabama Class A Professional Educator Certificate in any teaching field or area of instructional support.

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the Alabama Class AA Certificate in Teacher Leader **MUST** hold a valid Alabama Class A certificate in any teaching field or are of instructional support.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date

REQUIRED PROFESSIONAL CORE* (30 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
TL 7700	Adult Learning Theories and Managing Change	3			
TL 7702	Diverse Populations and Involving Parents/Community Stakeholders in School Setting	3			
TL 7717	Mentoring	3			
TL 7737	Curriculum	3			
TL 7740	Creating Effective Learning Environments	3			
TL 7747	Instructional Coaching	3			
TL 7757	Staff Development	3			
TL 7767	Communication and Consultation Methods Practicum	3			
TL 7792	Advanced Comprehensive Research Strategies	3			
TL 7794	Research in Action	3			

SURVEY COURSE IN SPECIAL EDUCATION (3 sh) Only if not previously completed.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Survey Course in Special Education	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Admission to Graduate Teacher Education Program (GTEP)
- ☐ 2. Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. PRAXIS II in Teacher Leader
- ☐ 10. Application for teacher certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Education Specialist: Instructional Leadership
& Administration
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-291

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. Overall GPA of 3.5 or better
5. No more than two grades below "B"
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Successfully complete Comprehensive Exam
9. Graduation Application filed
10. Hold an Alabama Class A Professional Educator Certificate in any teaching field or area of instructional support.

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan. Candidates for the Education Specialist Degree Program in Instructional Leadership **MUST** hold valid certification Class A certification in Educational Administration or Instructional Leadership & Administration.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

REQUIRED PROFESSIONAL CORE* (30 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ILA 7700	Developing and Promoting Core Values	3			
ILA 7702	Diverse Populations and Involving Parents and Community Stakeholders in the School Setting	3			
ILA 7703	Law, Ethics, and Policy Development	3			
ILA 7717	Role Models in Teaching and Learning	3			
ILA 7740	Andragogy and the Professional Learning Community	3			
ILA 7746	Organization and Human Resource Development	3			
ILA 7791	Current Trends and issues in Instructional Leadership	3			
ILA 7792	Advanced Comprehensive Research Strategies	3			
ILA 7793	Program Evaluation	3			
ILA 7794	Research in Action	3			

SURVEY COURSE IN SPECIAL EDUCATION (3 sh) *Only if not previously completed.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Survey Course in Special Education	3			

2025-2026

Education Specialist: Instructional Leadership & Admin.
 TROY Publication 384-291
 Revised 1/2025
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ITEMS TO BE DISCUSSED:

- ☐ 1. Admission to Graduate Teacher Education Program (GTEP)
- ☐ 2. Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. PRAXIS II in Teacher Leader
- ☐ 10. Application for teacher certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Education Specialist: School Counseling
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-292

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. No more than two grades below "B")
5. Completion of research requirement with a "B" or better
6. Overall GPA of 3.25 or better
7. All credit earned within 8 years of graduation
8. Completion of Field Project
9. Graduation Application Filed

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6635	Crisis Response Management	3			
CP 7700	Advance Practicum in Group Leadership	3			
CP 7702	Advanced Theories and Techniques of Counseling	3			
CP 7740	Theories of Counseling Supervision	3			
CP 7791-93	Research Seminar	3			
PSY 6659	Cognitive and Behavioral Interventions	3			

SCHOOL COUNSELING CORE (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6616	Teaching Students with Emotional and Social Needs	3			
EDU/ELE 7763	Legal Issues and Ethics Education	3			

FIELD PROJECT (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 7794	Field Project	3			

SURVEY COURSE IN SPECIAL EDUCATION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6630	Collaboration Skills	3			
SPE 6640	Teaching Students with Special Needs	3			

2025-2026

Education Specialist- School Counseling
TROY Publication 384-292
Revised 1/2025
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ITEMS TO BE DISCUSSED:

- ☐ 1. Temporary, Conditional, and Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Required examinations for certification
- ☐ 9. Application for teacher certification
- ☐ 10. Degree Requirements
- ☐ 11. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2025-2026

TROY UNIVERSITY
Master of Science in Adult Education
 Graduate Degree Plan
33-36 Semester-Hour Program

TROY Publication 384-294

Revised 1/2025

Page 1of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 33-36 Semester hours of credit
4. No more than two grades below "B"
5. Overall GPA of 3.0
6. Completion of research requirement (PA 6601) with a "B" or better
7. All credit earned within 8 years of graduation
8. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6600	Foundations of Adult Education	3			
ADE 6640	Social Context of Adult Education	3			
ADE 6670	Adult Learning and Development	3			
ADE 6691	Research Methodology	3			

CONCENTRATION COURSES (18 sh)

See *Graduate Catalog* for a list of required courses and approved electives for the selected concentration.

☐ Curriculum Design & Instructional Technology

☐ Leadership in Workforce Development

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			

CAPSTONE OPTION (3 sh) Complete 18 sh of selected concentration courses plus Capstone course.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6699	Capstone	3			

OR

THESIS OPTION (3 sh) Complete 18 sh of selected concentration courses plus thesis courses.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6695	Thesis (may be taken multiple times for a total of 6 sh)	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file.
- ☐ 2. Conditional or Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Adult Education
Curriculum and Instructional Design
 Certificate Plan and Progress Record
12 Semester-Hour Program

TROY Publication 384-333

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to the Graduate School & MS in Adult Education
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of coursework credit
5. No more than two grades below "B"
6. All credit earned within 8 years of graduation
7. Completion of exit survey
8. Complete Certification Intent form

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6670	Adult Learning and Development	3			
ADE 6674	Methods and Strategies for Teaching Adults	3			
ADE/EDU 6653	Educational Evaluation	3			
EDU 6613	Principles of Instructional Design	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file.
- ☐ 2. Temporary, Conditional, or Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Adult Education
Instructional Technology
 Certificate Plan and Progress Record
12 Semester-Hour Program

TROY Publication 384-332
 Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to the Graduate School & MS in Adult Education
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of coursework credit
5. No more than two grades below "B"
6. All credit earned within 8 years of graduation
7. Completion of exit survey
8. Complete Certification Intent form

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6670	Adult Learning and Development	3			
EDU 6606	Current and Emerging Instructional Technologies	3			
EDU 6613	Principles of Instructional Design	3			
EDU 6616	E-Learning Design	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file.
- ☐ 2. Temporary, Conditional, or Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Adult Education
Leadership Studies
 Certificate Plan and Progress Record
12 Semester-Hour Program

TROY Publication 384-331
 Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to the Graduate School & MS in Adult Education 2. Official transcript(s) 3. Unconditional Admission 4. 12 Semester hours of coursework credit	5. No more than two grades below "B" 6. All credit earned within 8 years of graduation 7. Completion of exit survey 8. Complete Certification Intent form

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
EAL 6633	Leadership Theory and Practice	3			
ADE 6641	Organizational Behavior and Group Dynamics	3			
COM 6600	Communication and Influence	3			

Select ONE of the following (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6617	Seminar in Personnel Planning and Leadership	3			
COM 6610	Leadership and Media Strategies	3			
ADE 6633	Educational Evaluation	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file.
- ☐ 2. Temporary, Conditional, or Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Adult Education
Workforce Development
 Certificate Plan and Progress Record
12 Semester-Hour Program

TROY Publication 384-334

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to the Graduate School & MS in Adult Education
2. Official transcript(s)
3. Unconditional Admission
4. 12 Semester hours of coursework credit
5. No more than two grades below "B"
6. All credit earned within 8 years of graduation
7. Completion of exit survey
8. Complete Certification Intent form

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ADE 6610	Training and Workforce Development	3			
ADE 6612	Workforce Management and Organizational Development	3			
ADE 6670	Adult Learning and Development	3			

Select ONE of the following (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6635	Vocational Psychology/Career Development	3			
ADE 6680	Curriculum Development for Adult Education	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file.
- ☐ 2. Temporary, Conditional, or Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Cmps		

2025-2026

TROY UNIVERSITY
Master of Science- Clinical Mental Health
Counseling
 Graduate Degree Plan
60 Semester-Hour Program

TROY Publication 384-299

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 60 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.0 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Complete all counseling program requirements
9. Successfully complete the Comprehensive Exam
10. Graduation Application Filed

REQUIRED CORE COURSES (51 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6600	Professional Orientation and Ethics	3			
CP 6601	Legal, Ethical, and Professional Standards	3			
CP 6605	Foundations of Mental Health Counseling	3			
CP 6610	Facilitation Skills and Counseling Techniques	3			
CP 6642	Group Dynamics and Counseling (<i>Residency Course</i>)	3			
CP 6649	Theories of Counseling	3			
CP 6650	Practicum (100 hours)	3			
CP 6651	Counseling Diverse Populations	3			
CP 6656	Marriage, Family, and Sex Therapy Counseling	3			
CP 6659	Internship: Mental Health (300 hours)	3			
CP 6660	Internship: Mental Health (300 hours)	3			
CP 6691	Research Methodology	3			
PSY 6635	Vocational Psychology and Career Development	3			
PSY 6645	Evaluation and Assessment of the Individual (<i>Residency Course</i>)	3			
PSY 6668	Human Lifespan and Development	3			
PSY 6669	Behavior Pathology	3			
PSY 6670	Diagnosis and Treatment Planning	3			

SELECT ONE OPTION BELOW: (9 sh)

Option I* (*Required Option for Licensure in Florida)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6634	Drug Education, Prevention and Intervention	3			
	Advisor Approved Electives	3			
	Advisor Approved Electives	3			

OR

Option II

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
	Advisor Approved Electives	3			
	Advisor Approved Electives	3			
	Advisor Approved Electives	3			

2025-2026

M.S. in Clinical Mental Health Counseling
TROY Publication 384-299
Revised 1/2025
Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Admission to Counseling Program
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Required examinations for certification
- ☐ 10. Complete interview for certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Master of Science- Rehabilitation Counseling
 Graduate Degree Plan
60 Semester-Hour Program

TROY Publication 384-300

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 60 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.0 or better
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Complete all counseling program requirements
9. Successfully complete the Comprehensive Exam
10. Graduation Application Filed

REQUIRED CORE COURSES (45 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6600	Professional Orientation and Ethics	3			
CP 6610	Facilitation Skills and Counseling Techniques	3			
CP 6642	Group Dynamics and Counseling (<i>Residency Course</i>)	3			
CP 6649	Theories of Counseling	3			
CP 6650	Practicum (100 hours)	3			
CP 6651	Counseling Diverse Populations	3			
CP 6652	Rehabilitation Delivery and Process	3			
CP 6670	Internship: Rehabilitation Counseling (<i>300 hours</i>)	3			
CP 6671	Internship: Rehabilitation Counseling (<i>300 hours</i>)	3			
CP 6686	Job Development and Placement	3			
CP 6691	Research Methodology	3			
PSY 6635	Vocational Psychology and Career Development	3			
PSY 6645	Evaluation and Assessment of the Individual (<i>Residency Course</i>)	3			
PSY 6668	Human Lifespan and Development	3			
PSY 6688	Medical/Psychosocial Aspects of Disability	3			

ELECTIVE (3 sh) *Select ONE Advisor Approved Elective*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6664	Assessment of Disabling Conditions	3			
CP 6687	Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities	3			
CP 6680	Counseling Approaches to Working with Individuals who are Deaf/Hard-of-Hearing	3			
CP 6681	Seminar: Counseling Approaches to Working with Visual Impairment	3			
CP 6682	Leadership and Advocacy: Deaf and Hard-of-Hearing Services	3			
CP 6685	Case Management	3			

CONCENTRATION OPTIONS *(Select ONE concentration from the following)*☐ **Clinical Rehabilitation (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6685	Case Management	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
CP 3356	Marriage, Family, and Sex Therapy Counseling	3			
PSY 6670	Diagnosis and Treatment Planning*	3			

*PSY 6669 must be taken as an elective, since it is a pre-requisite to the required to PSY 6670 course.

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☐ **Public and Community Rehabilitation (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6685	Case Management	3			
CP 6687	Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities	3			
PSY 6669	Behavior Pathology	3			
PSY 6670	Diagnosis and Treatment Planning*	3			

☐ **Rehabilitation and Deaf/Hard-of-Hearing Services (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6680	Counseling Approaches to Working with Individuals who are Deaf /Hard-of-Hearing	3			
CP 6682	Leadership and Advocacy: Deaf and Hard-of-Hearing Services	3			
CP 6685	Case Management	3			
CP 6687	Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities	3			

*According to SLPI (proficiency) levels and individual needs, students may also take up to four ASL courses.

☐ **Counseling Military Populations (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6618	Counseling Military Service Personnel and their Families	3			
CP 6619	Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service Populations	3			
PSY 6610	Physiological Dynamics of Alcohol & Other Drugs	3			
CP 6685	Case Management	3			

☐ **Addictions Counseling (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6617	Treatment Theories and Modalities of Addictive Disease	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
PSY 6610	Physiological Dynamics of Alcohol & Other Drugs	3			
CP 6685	Case Management	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Admission to Counseling Program
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Required examinations for certification
- ☐ 10. Complete interview for certification
- ☐ 11. Degree Requirements
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
M.S.Ed.: School Counseling
 Graduate Degree Plan
60 Semester-Hour Program

TROY Publication 384-301

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Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

☐ Admission to CACREP Accredited School Counseling Program without Teaching Certification

☐ Admission to Alabama State Department of Education Approved School Counseling Program (Complete Certification Verification Below)

CERTIFICATION VERIFICATION: List all professional educator certificates held and attached a copy of each to this degree plan.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	
				to	
				to	

DEGREE REQUIREMENTS:

1. Official transcript(s)	7. Overall GPA of 3.25 or better
2. Unconditional Admission	8. Completion of research requirement with a "B" or better
3. 60 semester hours of credit	9. All credit earned within 8 years of graduation
4. Two years of professional experience (Certification requirement)	10. Complete all counseling program requirements
5. No more than two grades below "B"	11. Successfully complete the Comprehensive Exam
6. Meet residency requirement	12. Graduation Application Filed

REQUIRED CORE COURSES (54 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6600	Professional Orientation and Ethics	3			
CP 6610	Facilitation Skills and Counseling Techniques	3			
CP 6635	Crisis Response Management	3			
CP 6641	School Counseling and Program Management	3			
CP 6642	Group Dynamics and Counseling (<i>Residency Course</i>)	3			
CP 6645	Current Trends in School Counseling	3			
CP 6649	Theories of Counseling	3			
CP 6651	Counseling Diverse Populations	3			
CP 6691	Research Methodology	3			
PSY 6606	Interventions for Children and Adolescents	3			
PSY 6635	Vocational Psychology and Career Development	3			
PSY 6645	Evaluation and Assessment of the Individual (<i>Residency Course</i>)	3			
PSY 6668	Human Lifespan and Development	3			
PSY 6669	Behavior Pathology	3			
PSY 6670	Diagnosis and Treatment Planning	3			
CP 6650	Practicum (100 hours)	3			
CP 6657	Internship: School Counseling (300 hours)	3			
CP 6658	Internship: School Counseling (300 hours)	3			

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ADVISOR APPROVED ELECTIVE (6 sh) *Select two courses from the below.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6656	Marriage, Family, and Sex Therapy Counseling	3			
PSY 6620	Introduction to Play Therapy	3			
CP 6616	Treatment of Addictive Family Diseases	3			
CP 6617	Treatment Theories and Modalities of Addictive Disease	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
PSY 6610	Physiological Dynamics of Alcohol & Other Drugs	3			
PSY 6648	Theories of Personality	3			
SPE 6640	Teaching Students with Special Needs*	3			

*Students who have not taken the survey of special education course are required to take that course. After July 1, 2017, a special education course must be at the graduate level.

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Admission to Counseling Program
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Required examinations for certification
- ☐ 10. Application for teacher certification
- ☐ 11. Complete interview and other counseling requirements
- ☐ 12. Degree Requirements
- ☐ 13. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		
Praxis II		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Rehabilitation and
Deaf/Hard-of-Hearing Studies
 Certificate Plan and Progress Record
 Certificate Verification
15 Semester-Hour Program

TROY Publication 384-307

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. 48 hours Master's degree in Counseling previously earned
2. Official transcript(s)
3. Unconditional Admission
4. 15 semester hours of credit
5. Two letters of professional reference
6. No more than two grades below "B"
7. Overall GPA of 3.0 or better
8. Letters of intent, admission interview, and resume
9. All credit earned within 8 years of graduation
10. Graduation Application Filed
11. Students must obtain a minimum score of Intermediate on the Sign Language Proficiency Interview (SLP)

REQUIRED COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6680	Counseling Approached to Working with Individuals who are Deaf/Hard-of-Hearing	3			
CP 6682	Leadership and Advocacy: Deaf and Hard-of-Hearing Services	3			
CP 6685	Case Management	3			
CP 6670/6671	Internship: Rehabilitation Counseling	3			
CP 6687	Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Addictions Counseling
 Certificate Plan and Progress Record
 Certificate Verification
15 Semester-Hour Program

TROY Publication 384-307
 Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. 48 hours Master's degree in Counseling previously earned 2. Official transcript(s) 3. Unconditional Admission 4. 15 semester hours of credit 5. Two letters of professional reference 6. No more than two grades below "B"	7. Overall GPA of 3.0 or better 8. Letters of intent, admission interview, and resume 9. All credit earned within 8 years of graduation 10. Recent passing score on the CPCE or NCE submitted 11. Graduation Application Filed

REQUIRED CORE COURSES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6665	Internship: Addictions Counseling	3			
CP 6666	Internship: Addictions Counseling	3			

Students who have previously taken CP 6650/6661 may take additional advisor approved electives or Specialized Study for CP 6664.

ELECTIVES (9 sh) Choose 3 courses from the below.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6602	Treatment of Behavioral Addictions	3			
CP 6616	Treatment of Addictive Family Diseases	3			
CP 6617	Treatment Theories and Modalities of Addictive Diseases	3			
CP 6634	Drug Education, Prevention and Intervention	3			
PSY 6610	Physiological Dynamics of Alcohol and other Drugs	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Certificate in Infant and Early Childhood Mental
Health Counseling

Certificate Plan and Progress Record

Certificate Verification

15 Semester-Hour Program

TROY Publication 384-307

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Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 15 semester hours of credit
4. Two letters of professional reference
5. No more than two grades below "B"
6. Letter of intent, admission interview, and resume
7. All credit earned within 8 years of graduation
8. Overall GPA of 3.0 or better
9. Graduation Application Filed

REQUIRED COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6607	Introduction to Infant/Early Childhood Mental Health	3			
PSY 6609	Infant/Early Childhood Testing and Evaluation	3			
PSY 6612	Infant/Early Childhood Neuroscience, Diagnosis & Treatment Planning	3			
PSY 6615	Reflective Supervision	3			
PSY 6679	Infant/Early Childhood Internship	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Post Master's Certificate in Clinical Mental
Health Counseling
 Certificate Plan and Progress Record
 Certificate Verification
18 Semester-Hour Program

TROY Publication 384-307
 Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. 48 hours Master's degree in Counseling previously earned
2. Official transcript(s)
3. Unconditional Admission
4. 18 semester hours of credit
5. Two letters of professional reference
6. No more than two grades below "B"
7. Overall GPA of 3.0 or better
8. Letters of intent, admission interview, and resume
9. All credit earned within 8 years of graduation
10. Recent passing score on the CPCE or NCE submitted
11. Graduation Application Filed

REQUIRED CORE COURSES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6659	Internship: Mental Health (100 Hours)	3			
CP 6660	Internship: Mental Health (300 Hours)	3			

Students who have previously taken CP 6659/6660 may take additional advisor approved electives.

ELECTIVES (12 sh) Choose 4 courses from the below.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6650	Practicum (110 Hours)	3			
CP 6601	Legal, Ethical, and Professional Standards	3			
CP 6605	Foundations of Mental Health Counseling	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
CP 6656	Marriage, Family, and Sex Therapy Counseling	3			
PSY 6644	Bio-Psychology	3			
PSY 6669	Behavior Pathology	3			
PSY 6670	Diagnosis and Treatment Planning *	3			

**Must have successfully completed a graduate-level Counseling or Psychology course in Behavior Pathology or Psychopathology.*

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Post Master's Certificate in Counseling
Military Populations
 Certificate Plan and Progress Record
 Certificate Verification
15 Semester-Hour Program

TROY Publication 384-307

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. 48 hours Master's degree in Counseling previously earned
2. Official transcript(s)
3. Unconditional Admission
4. 15 semester hours of credit
5. Two letters of professional reference
6. No more than two grades below "B"
7. Overall GPA of 3.0 or better
8. Letters of intent, admission interview, and resume
9. All credit earned within 8 years of graduation
10. Graduation Application Filed

REQUIRED CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6618	Counseling Military Service Personnel and their Families	3			
CP 6619	Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service	3			
CP 6661	Internship: Mental Health (300 Hours)*	3			
PSY 6610	Physiological Dynamics of Alcohol & Other Drugs	3			
PSY 6644	Bio-Psychology	3			

*Students who are eligible may take CP 6625-CP 6627 or CP 6635 in place of CP 6661. Advisor approval required.

Must have successfully completed a graduate-level Counseling or Psychology course in Behavior Pathology or Psychopathology or it must be Taken as a prerequisite to the certificate.

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Education Specialist: Counseling
Non-Certification Program
 Certificate Plan and Progress Record
30 Semester-Hour Program

TROY Publication 384-298

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Completion of research requirement with a "B" or better
7. All credit earned within 8 years of graduation
8. Completion of Field Project
9. Overall GPA of 3.0 or better
10. Graduation Application Filed

REQUIRED CORE COURSES (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6635	Crisis Response Management	3			
CP 7700	Advanced Practicum in Group Leadership	3			
CP 7702	Advanced Theories and Techniques in Counseling	3			
CP 7740	Theories of Counseling Supervision	3			
CP 7791	Research Seminar	3			
PSY 6659	Cognitive and Behavioral Interventions	3			

FIELD PROJECT (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 7794	Field Project	3			

APPROVED ELECTIVES (9 sh)* Choose 9 hours from the below or 9 hours of Advisor-Approved Electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CP 6616	Treatment of Addictive Family Diseases	3			
CP 6617	Treatment Theories and Modalities of Addictive Disease	3			
CP 6618	Counseling Military Service Personnel and their Families	3			
CP 6619	Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
PSY 6610	Physiological Dynamics of Alcohol & Other Drugs	3			
PSY 6693	Psychological and Educational Statistics	3			
PSY 6644	Bio-Psychology	3			
PSY 6648	Theories of Personality	3			

*All coursework applied toward Ed.S. degree program must be earned at the 6000 level or above.

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s)
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Residency		
Comps		

2025-2026

TROY UNIVERSITY
Master of Science in Psychology
 Graduate Degree Plan
33 Semester-Hour Program

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Completion of all other program requirements
2. Unconditional Admission	7. No more than two courses with highest grade below "B"
3. 33 Semester hours of credit	8. Successfully complete capstone course
4. Overall GPA of 3.0	9. Completion of research requirement with a "B" or better
5. All credit earned within 8 years of start	10. File Graduation Application

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6617	Ethical, Legal, and Professional Issues	3			
PSY 6689	Research Methods/Statistics I	3			
PSY 6690	Research Methods/Statistics II	3			
PSY 6682	Capstone	3			

*A grade of "B" or better is required

ELECTIVES (21 sh) See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
☐ 2. Class Attendance
☐ 3. Availability of faculty for academic advising
☐ 4. Drop and Withdrawal procedures; deadlines and consequences
☐ 5. Petition for an incomplete grade
☐ 6. Capstone Exam Requirements
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Comprehensive Exam		

2025-2026

TROY UNIVERSITY
Master of Science in Criminal Justice
 Graduate Degree Plan
30 Semester-Hour Program

TROY Publication 384-356

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of credit
4. Meet residency requirements 0
5. No more than two grades below "B"
6. All credit earned within 8 years of graduation
7. Completion of research requirement with a "B" or better
8. Successfully complete comprehensive exam
9. Graduation Application filed

REQUIRED CORE COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CJ 6620	Current Trends in Criminal Law and Procedure	3			
CJ 6622	Seminar in Administration of Justice	3			
CJ 6650	Survey of Research Methods in Criminal Justice	3			
CRM 6636	Criminological Theory	3			

CRIMINAL JUSTICE, GENERAL CONCENTRATION COURSES (18 sh)

See Graduate Catalog for a list of required courses and approved electives for the selected concentration.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			

SECURITY STUDIES CONCENTRATION (18 sh)

Concentration Courses (12 sh) Graduate Catalog for a list of required courses for the selected concentration.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

Electives (6 sh) Graduate Catalog for a list of approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Comprehensive Examination Requirements

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test scores		

2025-2026

TROY UNIVERSITY
Master of Science in International Relations
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-325

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, tests scores admitted	7. Overall GPA of 3.0
2. Official transcript(s)	8. Completion of research requirement with a "B" or better
3. Unconditional Admission	9. All credit earned within 8 years of graduation
4. 36 Semester hours of coursework credit	10. Successfully complete capstone course
5. Meet residency requirements	11. Graduation Application filed
6. No more than two grades below "B"	

REQUIRED CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IR 6601	Research Methods in International Relations	3			
IR 6603	Introduction to International Relations	3			
IR 6620	International Political Economy	3			
IR 6652	International Relations Theory	3			
IR 6690	Capstone	3			

CONCENTRATION COURSES (21 sh)

☐ Global Studies ☐ National Security Affairs ☐ Regional Affairs

See *Graduate Catalog* for a list of required courses and approved electives for the selected concentration.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Comprehensive Examination Requirements

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
Master of Public Administration
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-262

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to MPA program	7. Internship required or waived
2. Official transcript(s)	8. Overall GPA of 3.0
3. Unconditional Admission	9. Completion of research requirement (PA 6601) with a "B" or better
4. 36 Semester hours of coursework credit	10. All credit earned within 8 years of graduation
5. Meet residency requirements	11. Completion of capstone (PA 6699) with a grade of "B" or better
6. No more than two grades below "B"	12. Graduation Application filed

REQUIRED CORE COURSES (24 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6601	Research Methods in Public Administration *	3			
PA 6610	Global Challenges in Public Administration *	3			
PA 6622	Public Policy **	3			
PA 6624	Public Human Resource Management	3			
PA 6650	Government Budgeting & Financial Management	3			
PA 6665	Organizational Leadership	3			
PA 6674	Ethics in Public Administration	3			
PA 6699	Capstone in Public Administration *** (final course of program)	3			

* Must be completed within the first 12 hours of coursework **Should not be taken until completing PA 6601 & 6610

***Should be final core course

INTERNSHIP (3 sh) An internship is required of all students unless granted a waiver. Students granted a waiver will need to take an additional elective to meet the 36-hour graduation requirement, increasing the required elective hours from 9 to 12.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6694	Internship	3			

ELECTIVES (9-12 sh) See Graduate Catalog for approved electives.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
Graduate Certificate in Public Health
Administration

TROY Publication 384-266

Revised 1/2025

Page 1 of 1

Certificate Plan and Progress Record

Certificate Verification

18 Semester-Hour Program

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Admission to MPA program
2. Official transcript(s)
3. Unconditional Admission
4. 18 Semester hours of coursework credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credit earned within 8 years of graduation

Select 6 courses form the following (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 6641	Social Marketing in Public Administration	3			
PA 6663	Global Health Administration	3			
PA 6665	Organizational Leadership	3			
PA 6675	Public Health Services Administration and Policy	3			
PA 6676	Legal and Social Issues in Public Health Administration	3			
PA 6677	Public Health Preparedness & Emergency Response	3			
PA 6678	Introduction to Public Health	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional or Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
Master of Science in Social Science
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-362

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 Semester hours of credit
4. Meet residency requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully complete comprehensive exam
10. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SS 6690	Seminar in Social Sciences *	3			
SS 6691	Survey of Research Methods in Social Sciences *	3			
SS 6698	Social Theory	3			

*A grade of "B" or better.

CONCENTRATION COURSES (18 sh)

☐ Anthropology ☐ History ☐ Criminology ☐ Geography ☐ Political Science ☐ Psychology ☐ Sociology

See *Graduate Catalog* for a list of required courses and approved electives for the selected concentration.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			

ELECTIVES (9 sh) Advisor approved graduate coursework from the following disciplines: Anthropology, Criminology, Geography, History, Political Science, Psychology, or Sociology.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Conditional and Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Curriculum coursework sequencing

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test scores		

2025-2026

TROY UNIVERSITY
Doctor of Philosophy in Criminology
 Graduate Degree Plan
60 Semester-Hour Program

Created 1/2025

Page 1 of 2

Name: Student ID#: Campus:

Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	7. All credit earned within 8 years of graduation
2. Unconditional Admission	8. Passed Prospectus Defense
3. 60 Semester hours of credit	9. Passed Proposal Defense
4. Admission to Candidacy	10. Passed Final Defense
5. No more than two grades below "B"	11. Pass Comprehensive Exam
6. Overall GPA of 3.0	12. Graduation Application filed

REQUIRED CORE COURSES (24 sh) *Minimum grade of "B" in each of the doctoral core classes*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CRM 8810	Research Methods I	3			
CRM 8820	Research Methods II	3			
CRM 8811	Applied Statistics I	3			
CRM 8821	Applied Statistics II	3			
CRM 8824	Advanced Seminar in Criminology	3			
CRM 8826	Seminar in Theory and Practice of Crime Prevention	3			
CRM 8830	Teaching Practicum	3			
CRM 8841	Justice Policy and Crime	3			

ELECTIVES (24 sh) *See Graduate Catalog for approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			
		3			
		3			

DISSERTATION (12 sh) *Dissertation course must be repeated for a minimum of 12 semester hours.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CRM 8849	Dissertation	3			
CRM 8849	Dissertation	3			
CRM 8849	Dissertation	3			
CRM 8849	Dissertation	3			

2025-2026

Ph.D. in Criminology
Created 1/2025
Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Class attendance
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 5. Petition for an incomplete grade
- ☐ 6. Student participation in course and program evaluation
- ☐ 7. Prerequisites
- ☐ 8. Selection of dissertation committee
- ☐ 9. Dissertation prospectus
- ☐ 10. Dissertation proposal
- ☐ 11. Dissertation defense
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		

2025-2026

TROY UNIVERSITY
Doctor of Philosophy in Global Leadership
 Graduate Degree Plan
63 Semester-Hour Program

TROY Publication 384-340

Revised 1/2025

Page 1 of 3

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	7. All credit earned within 8 years of graduation
2. Unconditional Admission	8. Completed Global Leadership Internship
3. 63 Semester hours of credit	9. Passed Prospectus Defense
4. Admission to Candidacy	10. Passed Proposal I Defense
5. No more than two grades below "B"	11. Passed Final Defense
6. Overall GPA of 3.0	12. Graduation Application filed

REQUIRED CORE COURSES (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
GLOL 8801	Global Leadership Seminar (Year 1)	1			
GLOL 8801	Global Leadership Seminar (Year 2)	1			
GLOL 8801	Global Leadership Seminar (Year 3)	1			
GLOL 8802	Introduction to Doctoral Study in Global Leadership	3			
GLOL 8803	Global Leadership	3			
GLOL 8804	Innovation in Global Leadership	3			
GLOL 8805	Cultures, Values, and Ethics in a Global Environment	3			
GLOL 8806	Policy and Politics in Global Leadership	3			
GLOL 8807	Internship in Global Leadership	3			

RESEARCH (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
RES 8801	Mixed Methods in Research Methodology	3			
RES 8802	Qualitative Research Methodology	3			
RES 8803	Quantitative Research Methodology	3			
RES 8804	Assessment and Evaluation in Global Leadership	3			

DISSERTATION (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
GLOL 8898	Writing the Dissertation in Global Leadership	3			
GLOL 8899	Dissertation	3			
GLOL 8899	Dissertation	3			
GLOL 8899	Dissertation	3			

SPECIALIZATION OPTIONS (choose one specialization from the below)☐ **Higher Education (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HEA 8801	Introductory Seminar in Global Higher Education	3			
HEA 8802	Global Higher Education Leadership	3			
HEA 8803	Global Perspectives in Higher Education	3			
HEA 8804	Disruption and Innovation in Global Higher Education	3			
HEA 8805	Contemporary Issues in Global Higher Education	3			
HEA 8806	Advanced Seminar in Global Higher Education	3			

2025-2026

Ph.D. in Global Leadership
 TROY Publication 384-240
 Revised 1/2025
 Page 2 of 3

☐ **Instructional Leadership and Administration (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ILA 8801	Global Visionary Leadership	3			
ILA 8802	Global Finance and Governance	3			
ILA 8803	Global Educational Law	3			
HEA 8804	Global Human Resources	3			
ILA 8805	Analysis and Design of Global Educational Systems	3			
ILA 8806	Advanced Seminar in Global Instructional Leadership and Administration	3			

☐ **Global Healthcare Leadership (18 sh)** *Take 3 courses from NSG 8801, NSG 8804, NSG 8805, NSG 8822, or NSG 8826.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
LDR 8804	Seminar in Global Human Resource Development	3			
LDR 8805	Seminar in Planning and Management of Groups and Teams for Global Leaders	3			
LDR 8806	Advanced Seminar in Global Organizational Leadership	3			
NSG 88XX	Doctoral Nursing Course*	3			
NSG 88XX	Doctoral Nursing Course*	3			
NSG 88XX	Doctoral Nursing Course*	3			

*Take 3 courses from NSG 8801, NSG 8804, NSG 8805, NSG 8822, or NSG 8826.

☐ **Organizational Leadership (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
LDR 8801	Introductory Seminar in Global Organizational Leadership	3			
LDR 8802	Seminar in Supervision, Mentoring, and Coaching as a Global Organizational Leader	3			
LDR 8803	Seminar in Global Change and Transformation	3			
LDR 8804	Seminar in Global Human Resource Development	3			
LDR 8805	Seminar in Planning and Management of Groups and Teams for Global Leaders	3			
LDR 8806	Advanced Seminar in Global Organizational Leadership	3			

☐ **Public Administration (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PA 8801	Introductory Seminar in Public Administration Global Leaders	3			
PA 8802	Global Public Administration	3			
PA 8803	Advanced Readings in Global Public Administration	3			
PA 8804	Seminar in Global Public Administration I	3			
PA 8805	Seminar in Global Public Administration II	3			
PA 8806	Seminar in Global Public Administration III	3			

☐ **Strategic Communication (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
COM 8801	Topics in Global Communication	3			
COM 8802	Seminar in Global Conflict and Communication	3			
COM 8803	Survey of Global Communication Studies	3			
COM 8804	Contemporary Issues in Global Communication	3			
COM 8805	Global Communication	3			
COM 8806	Seminar in Global Media	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Class attendance
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 5. Petition for an incomplete grade
- ☐ 6. Student participation in course and program evaluation
- ☐ 7. Prerequisites
- ☐ 8. Selection of dissertation committee
- ☐ 9. Dissertation prospectus
- ☐ 10. Dissertation proposal
- ☐ 11. Dissertation defense
- ☐ 12. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Dissertation prospectus		
Dissertation proposal		
Dissertation defense		

COLLEGE OF HEALTH SCIENCES

The College of Health Sciences provides quality education for professional practice in a variety of areas associated with health and human services. The college aspires to the highest standard of educational excellence blending a professional perspective with a liberal arts and science foundation.

The College is committed to the development of students who are knowledgeable, caring, responsive and self-directed. The college aspires to produce graduates who are self-directed individuals able to meet the health and human caring needs of a diverse and complex society through change, advocacy and leadership within their communities.

The College's School of Nursing offers graduate programs at the Master's and Doctoral levels. Graduate programs within the

School of Nursing include a Master's of Nursing (MSN) in one of two tracks: Healthcare Informatics and Nursing Leadership and Family Nurse Practitioner. For the nurse who already holds a MSN degree, post master's certificates options are offered in Family Nurse Practitioner, Healthcare Informatics and Nursing Leadership, and Nursing Education. The School of Nursing also offers post baccalaureate and post master entry options into the Doctor of Nursing Practice (DNP). Post baccalaureate DNP students may enter the Family Nurse Practitioner or Nursing Leadership track.

The College of Health Sciences also offers Master of Science in Kinesiology, Master of Social Work, and Master of Science in Athletic Training.

Degree Program	Dothan Campus	Montgomery Campus	Phenix City Campus	Troy Campus	Troy Online
Master of Science in Athletic Training				X	
Master of Science in Kinesiology					X
Coaching Concentration					X
Applied Physiology Concentration				X ^	
Sports Psychology Concentration					X
Master of Science in Physical Education				X	X
Traditional Track					X
Alternative 5th year (Alt A) Track				X ^	
Master of Social Work					X
Master of Science in Nursing					X
Family Nurse Practitioner Track					X
Healthcare Informatics and Nursing Leadership Track					X
Doctor of Nursing Practice					X
Family Nurse Practitioner Certificate					X
Healthcare Informatics and Nursing Leadership Certificate					X
Nursing Education Certificate					X

* Please refer to Troy University Admissions for specific program availability by location

^ All courses are offered online in 16-week semesters. ^^Offered as a blended program

MASTER OF SCIENCE IN ATHLETIC TRAINING

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science in Athletic Training (MSAT) professional level program is designed to prepare graduates to advance the quality of healthcare provided to its patients through interdisciplinary patient-centered education. The MSAT Program is committed to providing students with enriching evidence-based didactic, clinical, and research experiences that foster supervisory, leadership, communication, and critical thinking skills to become effective team members, life-long learners, and advocates for patients, the public, and the healthcare profession. The goals and objectives of the program are guided by, but are not limited to, the criteria and guidelines set forth in the Standards for Accreditation of Professional Athletic Training Programs by the Commission on Accreditation of Athletic Training Education (CAATE).

MISSION STATEMENT

The MSAT Program mission is committed to provide students with evidence-based didactic, clinical, and research experiences that foster leadership, communication, and critical thinking skills. Our goal is to produce practitioners who are knowledgeable, caring, responsive and self-directed individuals, and who will enrich the profession and their communities through advocacy and leadership.

PROGRAM STUDENT LEARNING OUTCOMES

Upon graduation, students will:

1. Demonstrate a mastery of the foundations of human movement science in relation to athletic training.
2. Articulate a philosophy of practice that includes ethical leadership, goals for professional development, and a commitment to advocacy for the profession of athletic training.
3. Demonstrate the ability to prevent, evaluate, and treat acute injuries and common medical conditions of physically active individuals and to provide appropriate medical referral.
4. Design, produce, and present peer-reviewed research as it relates to the practice of evidence-based athletic training.
5. Practice in collaboration with other health care and wellness professionals.

PREREQUISITE REQUIREMENTS

Candidates for admission are recommended to hold a baccalaureate degree in exercise science or related field. Additionally, completion of prerequisite coursework outlined below with a minimum of "C" is required. Candidates with all prerequisites completed at the time of application may be given preference over those still completing courses. Courses older than eight years will

not be accepted. Ask in advance if there is a question about if a course will satisfy a prerequisite.

- Physics - A minimum of 4 credits (including lab)
- Biology - A minimum of 4 credits (including lab)
- Chemistry - A minimum of 4 credits (including lab)
- Human Anatomy & Physiology - A minimum of 8 credits (including two labs); Non-human anatomy and physiology courses are not acceptable.
 - Option 1: One semester of Human Anatomy with lab and one semester of Human Physiology with lab
 - Option 2: Two semesters of Anatomy and Physiology combined courses with a lab each (A&P I and A&P II)
- Statistics - A minimum of 3 credit hours
- General Psychology - A minimum of 3 credit hours; Any course taken within a psychology department/unit will be acceptable
- Exercise Physiology - A minimum of 3 credit hours
- Human Nutrition - A minimum of 3 credit hours
- Kinesiology or Biomechanics - A minimum of 3 credit hours

Submission of transcripts from required courses and/or degree conferring institution may be required to verify acceptance by the program administration.

ADMISSION REQUIREMENTS FOR THE MASTER OF SCIENCE IN ATHLETIC TRAINING

Admission to the MSAT program is competitive. Meeting minimal admission requirements does not guarantee an applicant an interview or admission to the program.

Documents required for application:

- Letter of Recommendation
- Transcripts

Cohorts are admitted in the summer semester only. To apply to the MSAT program, applicants must first have a verified application on the Athletic Training Centralized Application System (ATCAS). Candidates who advance in the admission process will be required to complete an application to the Troy University Graduate School. Troy University Graduate School application fees will be waived, and materials submitted to ATCAS will be used to complete the Troy University Graduate School application to avoid redundancy and eliminate excess costs. For information on general Troy University graduate admissions requirements, please visit the Admissions section of the Graduate Catalog.

APPLICATION DEADLINES:

For full consideration, applicants must have a verified application on ATCAS and all materials submitted to the Troy University Graduate School prior to March 31st. All candidates are required to complete a program interview, either on-campus or via video conferencing. Interviews may be held on a rolling basis prior to and

then soon after the March 31 deadline. Students will be notified of their admission status soon after their program interview. Applications may be accepted on a rolling basis after March 31st dependent on seat availability. We will close application on May 10 annually or until admission capacity is reached.

Unconditional Admission

1. Applicants must have baccalaureate degree from a regionally accredited four-year institution. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission. Applicants who have attended a college/university outside of the United States must also provide a course-by-course credential evaluation with GPA calculation.
2. Strong applicants will have an overall grade point average of minimum 3.0 on a four-point scale.
3. Verified application on ATCAS and completed Troy University Graduate School application, including a) completed documentation & essay; b) official transcript(s) from each college/ university attended; c) two (2) completed letters of recommendation with one coming from an athletic trainer or physician; d) proof of Basic Life Support for the Healthcare Provider CPR certification; e) documented completion of at least 100 observation hours with an athletic trainer received*; f) successful program interview.

**If observation hours are not completed prior to application, candidate may submit documentation demonstrating progress towards completion and a written plan discussing how they will obtain the remaining observation hours signed by the supervising athletic trainer(s).*

International applications, American citizens or permanent residents who learned English as a second language must score at least a 575 (paper) or a 90 (internet) on the Test of English as a Foreign Language (TOFL) or a score of a 6.5 on IELTS.

Conditional Admission

Conditional Admission does not apply to this program.

TRANSFER CREDIT

A maximum of nine semester hours taken at another regionally accredited institution of higher education with a "B" grade or better may be applied toward the degree. These courses must be comparable to Troy University courses and must be reviewed by the graduate athletic training faculty adviser who will make a recommendation to the Department Chair then the Dean of the College of Health Science and the Graduate Dean. For students completing the Master of Science in Athletic Training, all transfer credits used to satisfy degree requirements may not exceed five years at the time of the course completion.

DEGREE REQUIREMENTS

A student completing the coursework with a 3.0 or better GPA, fulfilling candidacy requirements, and successfully completing the required capstone requirement will be awarded the degree.

- **Note 1:** Grades below "C" are not acceptable for meeting requirements for a subsequent course.
- **Note 2:** Students must earn a "B" or better in AT 6655 - Research & Analysis in Sports Medicine
- **Note 3:** Students must earn a "B" or better for their required Capstone project within AT 6665 - Capstone Project.
- **Note 4:** Students earning three grades of C or lower of at least 7 credit hours within the MSAT curriculum will be subject to academic suspension. Please see the Academic Suspension/Dropped from Program/Retention section under General Regulations in the Graduate Catalog for information regarding academic suspension.
- **Note 5:** Students must pass a program cumulative exam with a grade of 80% or better to demonstrate preparedness for the BOC Examination. This exam will be given to every student near the end of the fourth semester. Students will be allowed a maximum of three (3) attempts before the beginning of the fifth semester to earn 80%. Failure to earn 80% or higher in three (3) attempts will result in a one-year suspension from matriculating in the MSAT program. There can be one more attempt on the cumulative exam after the one-year program suspension. If the student earns 80% or higher on the fourth attempt, they can continue the MSAT program from the point of their suspension. If the student does not get 80% or higher on the fourth attempt after the one-year suspension, they are disqualified from returning to the MSAT program.

ADDITIONAL PROGRAM COSTS

Current expenses for tuition fees and other university fees are listed on the Troy University website. Students are also expected to pay for the following: appropriate clinical attire, transportation costs, annual background checks, annual drug tests, and semester TB skin tests.

INDEPENDENT LEARNING

All students in the Master of Science in Athletic Training program are required to engage in independent learning, a process in which individuals take the initiative, with or without the help of others, to attain knowledge, skills, and professional behaviors. Activities such as case studies, critical analysis of literature, research/capstone projects, and clinical practica provide important independent learning experiences that give students ample opportunity to demonstrate and develop independent learning skills.

CURRICULUM

The MSAT degree program is a two-year full-time professional master's program requiring 51 semester hours beyond the bachelor's degree. The courses are taken in a prescribed sequence over 6 semesters, including 20 semester hours of clinical practice. Clinical practice occurs under the direct supervision of an athletic trainer or physician.

Required Courses - 51 Semester Hours**Summer Y1/Semester 1 - 9 semester hours**

AT 6605	2	Introduction to Clinical Experience
AT 6645	1	Professional Practice in Athletic Training
AT 6655	3	Research & Analysis in Sports Medicine
KHP 6635	3	Applied Kinesiology

Fall Y1/Semester 2 - 9 semester hours

AT 6610	2	Health Care Management & Quality Improvement
AT 6620	2	Foundations of Athletic Training
AT L620	1	Foundations of Athletic Training Lab
AT 6631	4	Examination & Therapeutic Management I

Spring Y1/Semester 3 - 9 semester hours

AT 6632	4	Examination & Therapeutic Management II
AT 6640	3	Therapeutic Interventions
AT 6661	2	Clinical Experience I

Summer Y2/Semester 4 - 5 semester hours

AT 6633	3	Examination & Therapeutic Management III
AT 6662	2	Clinical Experience II

Fall Y2/Semester 5 - 9 semester hours

AT 6650	2	Pharmacological Considerations in Athletic Training
AT 6660	3	General Medical Concerns & Special Populations
AT 6663	4	Clinical Experience III

Spring Y2/Semester 6 - 10 semester hours

AT 6664	9	Clinical Experience IV
AT 6665	1	Capstone Project

BS Interprofessional Health Sciences + MS in AT (3+2 years)

Students can earn a BS in Interprofessional Health Sciences and MS in Athletic Training in five calendar years from initial matriculation at Troy University. Students will enter the Interprofessional Health Sciences undergraduate major using Medical Studies, Exercise Physiology, and Sports Medicine minors. For those interested in the program, see the Undergraduate Catalog.

MASTER OF SCIENCE IN KINESIOLOGY

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science (M.S.) degree in Kinesiology offers advance study in the science of human physical activity, particularly as movement, exercise, psychology, and sport applied to health promotion and disease prevention. The mission of the Kinesiology program is to advance the discovery, development, interpretation, dissemination, and application of knowledge that relates the study of human movement and physical activity to human well-being. As members of the American Kinesiology Association (AKA), American Psychology Association (APA), Society of Physical Educators (SHAPE), American College of Sports Medicine (ACSM), and the North American Society for Psychology of Sport and Physical Activity (NASPPSA). The Faculty at Troy University

are committed to the process of learning in order to better prepare students entering the various fields of human movement.

This degree is ideal for:

- Students who wish to continue their education in a doctoral program.
- Students who wish to continue their education in a professional school such as medicine, physical therapy, occupational therapy, etc.
- Certified physical/health education teachers who wish to further their education in human movement.
- Sport coaches who wish to continue their education to better prepare them for high school, collegiate or professional coaching.
- Clinical sports psychologists

PREREQUISITE REQUIREMENTS

Candidates for admission must hold a baccalaureate degree in Kinesiology, Psychology, or related field.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

1. Applicants must have a baccalaureate degree from a regionally accredited four-year institution. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.
2. Applicants must have an overall grade point average of 2.75 on a 4.0 scale with the last 30 hours being at least a 3.0 GPA.
3. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average.
4. Applicants must also submit a statement of purpose (Cover) letter.

Conditional Admission

1. Students not satisfying the unconditional admission requirements may be conditionally admitted to the program with an overall grade point average of 2.50 and approval from the School Director.
2. Applicants must submit a statement of purpose (Cover) letter.
3. Students may be conditionally admitted to the program pending satisfactory completion of the first 9 semester hours with a 3.0 grade point average. Once the student has completed 9 semester hours with at least a 3.0 grade point average they will be granted unconditional admission. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

4. Students not satisfying conditional admission requirements will be dropped from the program for one calendar year, after which time the student must petition for readmission.

ENROLLMENT START

Due to course prerequisites and program flow students will only be allowed to enroll at the program start. Students will only be admitted starting Fall/T1 for the Applied Physiology, Coaching, and Sports Psychology concentrations.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited institution of higher learning, with a grade of "B" or better, can be applied toward the degree. These courses must be comparable to Troy University's courses and must be approved by the KHP graduate faculty.

DEGREE REQUIREMENTS

Successful completion of the courses listed below with an overall grade point average of 3.0 or better and successful completion of the required comprehensive examination is necessary to fulfill requirements for the degree. If a student makes a "D" or "F" in a core or concentration course, the course must be retaken. If the student earns a "D" or "F" in an elective course, the course may be retaken, or another elective taken in its place. The student can satisfy the research component requirement by successfully completing KHP 6617 and KHP 6691 or PSY 6689 and PSY 6690 with a grade of "B" or better

OPTIONS

The Applied Physiology, Coaching, and Sports Psychology concentrations are offered with a choice between a thesis and a non-thesis option. All students will begin the program in the non-thesis option, then at the discretion of the Graduate Faculty and School Director, students can be approved for the thesis option.

Thesis Option

The M.S. with a thesis is for those who wish to engage in research and are considering or planning on pursuing a Ph.D. (Many Ph.D. programs require completion of a master's thesis). For the thesis track, the student will not take the graduate comprehensive examination. The thesis track is a two-year academic plan and each student will begin their first semester in the Fall semester of the academic year. The thesis track for all concentrations in the program is a total of 36 semester hours.

Non-thesis Option

This option prepares people for professional jobs by equipping them with knowledge of and providing them with an appreciation for the research process, so they can be a consumer of research. Students are required to complete an internship in their field of interest. For the non-thesis track, the student will also take the graduate comprehensive examination. The non-thesis track is a two-year academic plan and each student will begin their first semester in the Fall semester of the academic year. The non-thesis

track for all concentrations in the program is a total of 36 semester hours.

Students may choose one of the three areas of emphasis:

- Applied Physiology
- Coaching
- Sports Psychology

CURRICULUM

Required Core Courses (6-9 sh)

Option 1: 9 sh (Coaching and Applied Physiology)

- KHP 6604 3 Statistical Analysis and Interpretation
- KHP 6617 3 Research Methods I
- KHP 6691 3 Research Methods II

Option 2: 6 sh (Sports Psychology)

- PSY 6689 3 Research Methods/Statistics I
- PSY 6690 3 Research Methods/Statistics II

APPLIED PHYSIOLOGY CONCENTRATION

Non-Thesis Option:

KHP Required Core (Option 1)	9 semester hours
Applied Physiology Concentration	21 semester hours
KHP 6672	3 semester hours
KHP 6690	3 semester hours
Total	36 semester hours

OR

Thesis Option:

KHP Required Core (Option 1)	9 semester hours
Applied Physiology Concentration	21 semester hours
Thesis I	3 semester hours
Thesis II	3 semester hours
Total	36 semester hours

Applied Physiology Concentration Courses:

- KHP 6623 3 Biomechanics of Sport Techniques
- KHP 6635 3 Applied Kinesiology
- KHP 6650 3 Sport Nutrition and Exercise Metabolism
- KHP 6651 3 Advanced Principles of Strength and Conditioning
- KHP 6663 3 Advanced Exercise Testing and Prescription
- KHP 6670 3 Exercise Physiology
- KHP 6671 3 Advanced Exercise Physiology

Select one of the following:

Non-thesis

- KHP 6672 3 Sport Psychology
- KHP 6690 3 Internship

OR

Thesis:

- KHP 6694 3 Thesis I
- KHP 6695 3 Thesis II

COACHING CONCENTRATION

Non-Thesis Option:

KHP Required Core (Option 1)	9 semester hours
Coaching Concentration	18 semester hours

KHP 6690	3 semester hours
Total	30 semester hours

OR**Thesis Option:**

KHP Required Core (Option 1)	9 semester hours
Coaching Concentration	18 semester hours
Thesis I	3 semester hours
Thesis II	3 semester hours
Total	33 semester hours

Coaching Concentration Courses:

PSY 6631	3	Psychological Foundations of Education
KHP 6602	3	Motor Skills and Human Performance
KHP 6631	3	Programs in Health and Physical Education
KHP 6672	3	Sport Psychology
KHP 6673	3	Ethics in Sport
KHP 6680	3	Practicum in Physical Education

Select one of the following:**Non-thesis:**

KHP 6690	3	Internship

OR**Thesis:**

KHP 6694	3	Thesis I
KHP 6695	3	Thesis II

SPORTS PSYCHOLOGY CONCENTRATION**Non-Thesis Option:**

KHP Required Core Option 2	6 semester hours
Sport Psychology Concentration	21 semester hours
KHP 6690	3 semester hours
Total	30 semester hours

OR**Thesis Option:**

KHP Required Core Option 2	6 semester hours
Sport Psychology Concentration	21 semester hours
Thesis I	3 semester hours
Thesis II	3 semester hours
Total	33 semester hours

Sports Psychology Concentration Courses:

PSY 6617	3	Ethical, Legal, and Professional Issues
PSY 6631	3	Psychological Foundations of Education
PSY 6646	3	Survey of Industrial Organizational Psychology
KHP 6602	3	Motor Skills and Human Performance
KHP 6650	3	Sport Nutrition and Exercise Metabolism
KHP 6672	3	Sport Psychology
KHP 6673	3	Ethics in Sport

Select one of the following:**Non-thesis:**

KHP 6690	3	Internship

OR**Thesis:**

KHP 6694	3	Thesis I
KHP 6695	3	Thesis II

MASTER OF SCIENCE IN PHYSICAL EDUCATION

The Master of Science degree in Physical Education offers advanced study in movement education for physical educators. The Master of Science in Physical Education Traditional Program is ideal for those physical Educators who already hold a teaching certification and a bachelors degree in physical education. The Master of Science in Physical Education Alternative Fifth Year Program (Alt-A) is ideal for those that currently hold a BS in another subject (other than physical education) but are seeking teacher certification. These programs are recognized and approved by the Alabama State Department of Education as teacher certification programs, thus carrying the masters level pay increase. The Master of Science in Physical Education Programs are jointly shared between the Department of Kinesiology and Health Promotion and the College of Education. Students will only be admitted in Term 1 for the MS PE traditional (which is offered completely online) & Term 1 or Fall semester for MS PE Alt A (which is offered as a blended program). For further information on the Master of Science in Physical Education, please refer to the College of Education's section in the graduate catalog.

MASTER OF SOCIAL WORK

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Troy University Master of Social Work Program derives its mission from the University's goal of preparing students to demonstrate competence in their chosen field and to encourage excellence in student learning. The purpose of the Master in Social Work Program is to prepare students for advanced social work practice. The program is dedicated to enhancing the quality of life beginning with, and progressing through, the individual system and increasingly complex levels of social organization. The basic aim is to prepare the graduate with advanced social work knowledge, values, and skills to practice within the context of a diverse, multicultural, global, and technologically oriented society. Teaching, learning, and service are exercised in an atmosphere that prizes and upholds the traditions, values, and ethics of the social work profession.

ACCREDITATION STATEMENT

The Master in Social Work Program is accredited by the Council on Social Work Education (CSWE) and program graduates will be eligible to sit for the social work examination. Social work licensure is required in the state of Alabama for those in the practice of social work.

OBJECTIVES

The Master in Social Work derives the program's objectives in accordance with the Council on Social Work Education Educational Policy Handbook. Students will be able to:

1. **Demonstrate Ethical and Professional Behavior.**
Social workers understand the value base of the profession and its ethical standards, as well as relevant law, policies, and regulations that may affect practice at the micro, mezzo, and macro levels.
2. **Advance Human Rights and Social, Racial, Economic, and Environmental Justice.**
Social workers understand that every person regardless of position in society has fundamental human rights and must advocate for these rights as well as engage in practices that promote social, racial, economic, and environmental justice.
3. **Engage Anti-Racism, Diversity, Equality, and Inclusion (ADEI) in Practice.**
Social workers understand how racism and oppression shape human experiences and how these two constructs influence practice at the individual, family, group, organizational, and community levels in policy and research.
4. **Engage in Practice-Informed Research and Research-Informed Practice.**
Social workers use ethical, culturally informed, anti-racist, and anti-oppressive approaches in conducting research and building knowledge so that research findings can be applied to inform and improve practice, policy, and programs.
5. **Engage in Policy Practice.**
Social workers identify social policy at the local, state, federal, and global levels that affect well-being, human rights and justice, service delivery, and access to social services in order to assess and analyze social welfare policy deliverables through a social justice, anti-racist, and anti-oppressive lens.
6. **Engage with Individuals, Families, Groups, Organizations, and Communities.**
Social workers understand that engagement is an ongoing component of the dynamic and interactive process of social work practice with, and on behalf of, diverse individuals, families, groups, organizations, and communities.
7. **Assess Individuals, Families, Groups, Organizations, and Communities.**
Social workers understand that assessment is an ongoing component of the dynamic and interactive process of social work practice with, and on behalf of, diverse individuals, families, groups, organizations, and communities.
8. **Intervene with Individuals, Families, Groups, Organizations, and Communities.**
Social workers understand that intervention is an ongoing component of the dynamic and interactive

process of social work practice with, and on behalf of, diverse individuals, families, groups, organizations, and communities.

9. **Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities.**

Social workers understand that evaluation is an ongoing component of the dynamic and interactive process of social work practice with, and on behalf of, diverse individuals, families, groups, organizations and communities.

PROGRAM ELIGIBILITY

All students must be admitted to Troy University Graduate School. There is not a conditional admission based on grade point average. All students holding an earned baccalaureate degree from a college or university accredited by a recognized regional accrediting association are eligible for application to the Foundation Two Year (60) hour program. Students must have a 2.75 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours taken.

Students holding a Bachelor's degree in Social Work (BSW) from a CSWE accredited program and have a 3.0 grade point average in the last 30 semester hours of Social Work course work are eligible to apply for the Advanced Standing program. Advanced Standing applicants may receive an MSW upon successful completion of 30 semester hours of Specialization Curriculum. The Director of the MSW Program is responsible for determining academic eligibility for Advanced Standing Placement. The Director is also responsible for answering questions related to academic credit applied to the degree program in adherence to accreditation and policy standards.

An additional requirement of being able to complete the MSW Program is the production of a current (within 30 days) criminal background check for Foundation and Specialization Practicum. Providing the background check does not guarantee acceptance into a Practicum setting or eligibility to sit for licensure. Students applying to this program should be aware of the potential ramifications of a positive criminal background check and the potential of not being able to complete this program. Ongoing participation requires the continual development and demonstration of the highest standards of ethical, interpersonal, and professional engagement.

Program Initiation

The Master of Social Work program is based on a cohort model where students matriculate through the program together with specific start and end dates based upon the specialization and program option selected.

Direct Practice Specialization

The Direct Practice Specialization prepares students to work on a micro level with individuals, families, and groups of people. (1yr) Advanced Standing (30sh program)

- **Term 1 Admission (August):** May 15th application deadline.

- **Term 3 Admission (January):** October 15th application deadline.
- (2yr) Foundation (60sh program)
- **Term 1 Admission (August):** May 15th application deadline.
 - **Term 3 Admission (January):** October 15th application deadline.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

In addition to meeting University graduate school admissions requirements, the student must also submit the following admission requirements:

1. Two reference letters from the following list: applicant's most recent academic adviser, department chair, dean, college instructor, most recent employer, and no more than one personal reference chosen by the applicant. These references must attest to the applicant's potential in forming effective interpersonal relationships, aptitude for graduate study, appropriate vocational goals relevant to the program, and personal and professional self-development.
2. A résumé that includes personal information including topics such as, but not limited to, educational and work history, personal and professional goals, professional affiliations, volunteer work, awards, articles/grant work, and references.
3. A writing sample written in APA format (500-750 words) addressing the motivation for seeking a Master of Social Work degree and future professional goals and aspirations post-graduation.

Conditional Admission

1. Students not satisfying the unconditional admission requirements may be conditionally admitted to the program pending satisfactory completion of the first 9 semester hours with a 3.0 grade point average. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.
2. Students not satisfying conditional admission requirements will be dropped from the program for one calendar year, after which time the student must petition for readmission.

Temporary Admission

Temporary Admission may be granted to applicants who have not submitted the letter of recommendation, entrance exams or official undergraduate transcript. Temporary admission is only for one semester or term and must follow the requirements outlined under Conditional Admission.

TRANSFER CREDIT

In addition to University transfer requirements, the Masters in Social Work may accept master's level courses from a CSWE accredited Social Work program as approved by the MSW program director. Any other transfer credits must be reviewed and approved by the Director of the MSW program. The potential number of eligible credit hours that can be transferred is found under the Transfer Credit section under General Regulations of the graduate catalog.

PRACTICUM REQUIREMENTS

Students are required to complete in-person supervised practicum course(s) in the sequence set by the program. The student must have a current (within 30 days) national criminal background check, auto insurance, government issued identification, and all required documentation (shots, drug screens, etc.) as required by the University and practicum site prior to participation. Providing the background check does not guarantee acceptance into a Practicum setting or eligibility to sit for licensure. Students applying to this program should be aware of the potential ramifications of a positive criminal background check and the potential of not being able to complete this program. Students must also complete pre-requisites before taking Foundation or Specialization Pre-Practicum or Practicum courses.

DEGREE REQUIREMENTS

Foundation Curriculum

The foundation curriculum allows students to develop the foundation level competencies named above. This includes a minimum of thirty (30) semester hours of required study. The Foundation Practicum (6 semester hours) requires a minimum of 400 contact hours in the field.

Specialization Curriculum

The specialization curriculum allows students to develop competencies associated with Direct Practice (DP). This includes a minimum of thirty (30) semester hours of required study. The Specialization Practicum (6 semester hours) requires a minimum of 510 contact hours in the field.

MSW REQUIREMENTS

Two Year 60 Semester Hour Foundation Program

Foundation Courses	30 sh
Core Specialization Courses	24 sh
<u>Electives</u>	<u>6 sh</u>
Total	60 sh

Advanced Standing 30 Semester Hour Program

Core Specialization Courses	24 sh
<u>Electives</u>	<u>6 sh</u>
Total	30 sh

Two Year Program Foundation Courses (30 semester hours):

The following are required foundation courses for all students who do not hold a BSW degree from an accredited institution.

All courses are 3 semester hours except for Practicum courses.

SWK 6601	3	Introduction to Social Policy Development and the Effects Community and Organizations
SWK 6604	3	Human Behavior in The Social Environment I
SWK 6605	3	Human Behavior in the Social Environment II
SWK 6606	3	Direct Practice Methods with Individuals and Families *
SWK 6608	3	Theory and Practice with Groups
SWK 6614	3	Cultural Diversity
SWK 6691	3	Foundation Research Methods *
SWK 6680	2	Foundation Pre-Practicum Seminar
SWK 6681	2	Foundation Practicum I *
SWK 6682	2	Foundation Practicum II *

***A grade of "B" or better is required.**

TOTAL FOUNDATION CURRICULUM (30 SEMESTER HOURS)

Upon successful completion of foundation courses and selection of a specialization, students may enroll in the appropriate specialization courses. Foundation students will not be able to move forward to their Specialization courses if all foundation courses have not been completed unless otherwise approved by the MSW program director.

SPECIALIZATION CURRICULUM (30 SEMESTER HOURS)

The specialization curriculum allows students to develop competencies associated with Direct Practice (DP). This includes a minimum of thirty (30) credits of required study. The Specialization Practicum is 6 semester hours requiring a minimum of 510 clock hours in the field.

Direct Practice Specialization Core Requirements (30 sh)

A student choosing the Direct Practice specialization is required to enroll in:

SWK 7701	3	Models of Intervention with Individuals *
SWK 7702	3	Models of Intervention with Families and Diverse Groups *
SWK 7703	3	Direct Practice Evaluation *
SWK 7705	3	Assessment and Psychopathology
SWK 7707	3	Advanced Social Work Practice with Groups
SWK 7726	3	Social Work with Military Families
SWK 7780	3	Direct Practice Pre-Practicum Seminar
SWK 7781	3	Direct Practice Practicum I *
SWK 7782	3	Direct Practice Practicum II *
SWK XXXX		Program Elective

MASTER OF SCIENCE IN NURSING (MSN)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding

Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science in Nursing Program is designed to provide graduates of baccalaureate programs in nursing the opportunity to develop the advanced knowledge and clinical skills required for leadership positions in nursing. The program prepares Nursing Informatics Specialists, Nurse Executives and Family Nurse Practitioners. Students are accepted for admission to the MSN tracks every semester. Fall admission is recommended for students who wish to pursue full-time study. Post MSN certificate options are offered in Family Nurse Practitioner, Healthcare Informatics and Nursing Leadership, and Nursing Education. The MSN program is offered online with faculty based on the Troy, Montgomery, Dothan, and Phenix City campuses in Alabama.

The Master of Science in Nursing Family Practitioner (FNP) track is designed to prepare students to assess, diagnose, treat, and manage the healthcare needs of individuals across the life span who are culturally diverse and live in rural and urban areas. The program is offered online; however, there are a limited number of mandatory on campus requirements. Students complete clinical requirements in their locale.

The Master of Science in Nursing Healthcare Informatics and Nursing Leadership (HINL) track is designed to prepare students to meet the growing needs of a diverse and complex healthcare system. Students will select one area of focus: Nursing Informatics or Nursing Leadership. Students are prepared with the knowledge and skills necessary to excel as nurse informatics specialists or nurse administrators. Courses are offered fully online and there are no on campus requirements for students in the Healthcare Informatics and Nursing Leadership track.

MSN Student Learning Outcomes

Upon successful completion of the MSN degree the graduate will be able to achieve the following end-of-program student learning outcomes:

1. Incorporate advanced knowledge in nursing and related disciplines as the basis for decisions and innovation in advanced nursing practice.
2. Integrate and apply leadership, management and education principles into advanced nursing care that utilizes ethical and critical decision making forming the basis for an innovative nursing practice framework.
3. Integrate established and emerging principles of quality and safety for advanced nursing within diverse settings and populations.
4. Appraise research outcomes and current evidence for integration into practice to improve professional nursing practice and healthcare.
5. Manage informatics, communication, and healthcare technologies to enhance, integrate, and coordinate patient care to improve delivery of nursing care and outcomes in accordance with the best practice and standards.
6. Develop inter-disciplinary advocacy strategies to impact healthcare policy within complex systems of healthcare.

7. Communicate, collaborate, and consult as a leader and member of intraprofessional and interprofessional teams for improvement of healthcare outcomes while recognizing and supporting individual perspectives, characteristics, norms, and values.
8. Translate clinical judgment interventions for the provision of person-centered care and population-centered care that is culturally responsive to promote positive health outcomes.
9. Demonstrate role competencies in a specialized area of advanced nursing practice at the master's level.

ACCREDITATION

The master's/post-master's certificate nursing program at Troy University at the Dothan, Montgomery, Phenix City, and Troy Campuses located in Dothan, Montgomery, Phenix City, and Troy, AL, is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA, 30326. (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the master's/post-master's certificate nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.com/accreditedprograms/programsearch.htm>.

PREREQUISITE REQUIREMENTS

Candidates for admission must hold the baccalaureate degree in nursing.

ADMISSION REQUIREMENTS

Note: Meeting minimal admission requirements does not assure admission.

Documents required for application:

- Letter of Recommendation
- Transcripts

Application Deadlines:

- Fall Semester- July 1
- Spring Semester- November 1
- Summer Semester- May 1

Unconditional Admission

1. Hold a baccalaureate degree in nursing (BSN) from a regionally accredited university and a nationally accredited nursing program (ACEN, NLNAC, CCNE, CNEA). Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission;
2. Overall undergraduate grade point average (GPA) of 3.0 on a 4.0 scale, or 3.0 on a 4.0 scale in the nursing major;
3. Current unencumbered RN licensure;
4. Undergraduate health assessment course or the equivalent.

5. Minimum of one year experience as a registered nurse is required for the Family Nurse Practitioner track.

Conditional Admission

1. Hold a baccalaureate degree in nursing (BSN) from a regionally accredited university and a nationally accredited nursing program (ACEN, NLNAC, CCNE, CNEA). Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.
2. Overall undergraduate GPA of 2.5 on a 4.0 scale or 2.5 on a 4.0 scale in the nursing major.
3. Current unencumbered RN licensure.
4. Undergraduate health assessment course or the equivalent.
5. Minimum of one year experience as a registered nurse is required for the Family Nurse Practitioner track.

A student admitted conditionally to the graduate nursing program must clear conditional admission after nine semester hours. The student must attain an overall GPA of 3.0 on a 4.0 scale. Students not satisfying conditional admission requirements will be dropped from the program for one calendar year, after which time the student may petition for readmission. **Note:** To facilitate success in the program, a student admitted under conditional status should pursue a part-time course of study.

Temporary Admission

Temporary admission is not applicable for Nursing Licensure Programs; this includes the MSN and DNP degrees.

TRANSFER CREDIT

In accordance with the University's transfer policy a maximum of twelve semester hours taken at another regionally accredited institution of higher education with a "B" grade or better may be applied toward the degree. These courses must be comparable to Troy University courses and must be reviewed by the graduate nursing faculty who will make a recommendation to the Dean of the College of Health Sciences and the Graduate Dean. For students completing the Master of Science in Nursing, all transfer credits used to satisfy degree requirements may not exceed five years at the time of the degree completion.

DEGREE REQUIREMENTS

A student completing the coursework with a 3.0 or better GPA, fulfilling candidacy requirements, and successfully completing the required comprehensive examination requirement will be awarded the degree.

NOTE: 1. Requirements for the MSN degree must be satisfied within five years of the initial enrollment for that degree.

NOTE 2. Grades below "C" are not acceptable for meeting requirements for a subsequent course.

NOTE 3. Students must earn a grade of "B" or better in NSG 6691 - Research and Evidence for Advanced Nursing Practice.

NOTE 4. Successful completion of NSG 6697 - Scholarly Inquiry Practicum II meets the comprehensive examination requirement.

REQUIREMENTS FOR STUDENTS IN CLINICAL COURSES

All students must maintain RN licensure, current CPR certification, professional liability insurance, proof of annual physical examination, negative drug screen and a clear background check when enrolled in clinical nursing courses. Professional liability insurance is available through the School of Nursing. Students are responsible for their own medical care if needed in the clinical setting. Students are also responsible for personal transportation costs incurred during the program.

Students must meet the Center for Disease Control (CDC) and Occupational Safety and Health Administration (OSHA) guidelines.

CURRICULUM

FAMILY NURSE PRACTITIONER (FNP) TRACK

Minimum Total Hours: 47, 705 clinical clock hours

***Beginning FALL 2026, clinical clock hours will increase to 780.**

Required Core Courses (14 sh)

Nursing Core Courses (7 sh)

- NSG 6604 2 Theories in Nursing
- NSG 6605 2 Healthcare Economics
- NSG 6660 3 Foundations of Advanced Nursing Practice

Research Courses (7 sh)

- NSG 6691 3 Research and Evidence for Advanced Nursing Practice
- NSG 6692 2 Data Analysis and Interpretation in Quantitative Research
- NSG 6696 1 Scholarly Inquiry Practicum I
- NSG 6697 1 Scholarly Inquiry Practicum II

Nursing Specialty Courses (27 hrs)*

- NSG 6612 3 Advanced Health Assessment
- NSG 6613 3 Advanced Health Assessment Preceptorship
- NSG 6645 3 Family and Cultural Theories in Advanced Nursing Practice
- NSG 6649 3 Advanced Pharmacology
- NSG 6665 3 Primary Care I: Pediatrics and Women's Health
- NSG 6666 3 Primary Care I: Preceptorship Pediatrics and Women's Health
- NSG 6667 3 Primary Care II: Adults and Geriatrics
- NSG 6668 3 Primary Care II Preceptorship: Adults and Geriatrics
- NSG 6671 3 Advanced Pathophysiology

Role Courses (6 hrs)*

- NSG 6670 1 Role Synthesis Seminar
- NSG 6680 5 Family Nurse Practitioner Internship

Optional

- NSG 6695 1-4 Thesis

HEALTHCARE INFORMATICS AND NURSING LEADERSHIP TRACK

Minimum Total Hours: 37, 480 clinical hours

Required Core Courses (14 sh)

Nursing Core Courses (7 sh)

- NSG 6604 2 Theories in Nursing
- NSG 6605 2 Healthcare Economics
- NSG 6660 3 Foundations of Advanced Nursing Practice

Research Courses (7 sh)

- NSG 6691 3 Research and Evidence for Advanced Nursing Practice
- NSG 6692 2 Data Analysis and Interpretation in Quantitative Research
- NSG 6696 1 Scholarly Inquiry Practicum I
- NSG 6697 1 Scholarly Inquiry Practicum II

Nursing Specialty Courses (23 sh)

- NSG 6630 2 Introduction to Nursing Leadership and Technology Practicum
- NSG 6631 3 Concepts of Healthcare Informatics and Leadership
- NSG 6632 3 Theoretical Foundations of Nursing Informatics and Leadership
- NSG 6633 3 Healthcare Systems
- NSG 6634 3 Roles in Nursing Leadership and Informatics
- NSG 6635 3 Applied Principles of Leadership and Technology in Healthcare
- NSG 6636 3 Advanced Nursing Practice Internship I
- NSG 6637 3 Advanced Nursing Practice Internship II

Optional

- NSG 6695 1-4 Thesis
- *A grade of "B" or better is required.*

DOCTOR OF NURSING PRACTICE (DNP)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Doctor of Nursing Practice (DNP) is a terminal degree and prepares the graduate to provide the most advanced level of nursing care for individuals, families and communities. The objectives for the program are consistent with the American Association of Colleges of Nursing's (AACN) specifications for practice doctoral programs in nursing in accordance with The Essentials of Doctoral Education for Advanced Nursing Practice. Fall admission is recommended for students who wish to pursue full-time study.

Upon successful completion of the Doctor of Nursing Practice the graduate will be able to achieve the following end-of-program student learning outcomes:

1. Evaluate established and evolving disciplinary knowledge and theories from nursing and other disciplines to promote the highest level of clinical judgment and decision-making for advanced practice nursing.

2. Integrate holistic and just care to a socially diverse population guided by ethics, advocacy, and evidence that support positive health outcomes.
3. Develop sustainable partnerships to promote equitable, systemic health policies for the improvement of population health outcomes.
4. Synthesize, translate, and disseminate evidence to transform nursing practice and models of care for diverse populations and organizations.
5. Evaluate evidence-based principles of safety science for quality improvement in nursing care for the patient and health system.
6. Foster interprofessional practice perspectives to improve patient-centered experiences, holistic, patient and populations health outcomes and reduce healthcare costs.
7. Initiate changes in complex systems of healthcare through nursing leadership and the ethical design and implementation of health policies for diverse populations.
8. Integrate innovative healthcare, informatics, and communication technologies for quality improvements in healthcare systems using practice and regulatory standards.
9. Refine professional identity, demonstrate role competencies, and enhance accountability to the practice of nursing that reflects the discipline's common values.
10. Engage in holistic strategies that promote personal well-being, lifelong professional learning and leadership in development.

ACCREDITATION

The Doctor of Nursing Practice program at Troy University at the Dothan, Montgomery, Phenix City, and Troy Campuses located in Dothan, Montgomery, Phenix City, and Troy, AL, is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA, 30326. (404) 975- 5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the Doctor of Nursing Practice program is Continuing Accreditation.

View the public information disclosed by the ACEN regarding this program at
<http://www.acenursing.com/accreditedprograms/programsearch.htm>.

ADMISSION REQUIREMENTS FOR THE DOCTOR OF NURSING PRACTICE

Doctorate of Nursing Practice (DNP) students will be admitted only under unconditional admission status. Conditional admission is not available for DNP applicants. Admission to the program will be limited to the number of available spaces.

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

To be considered for Unconditional Admission to the DNP program the applicant must:

1. Hold the required degree from a nationally-accredited program (ACEN, NLNAC, CCNE, CNEA). Applicants are admitted as:
 - Post BSN candidates
 - Post MSN candidates
2. Earned a minimum cumulative GPA of 3.0 (4.0 scale) on all nursing coursework if post-baccalaureate applicant or on all graduate coursework if post-masters applicant.
3. Submit official transcripts for all post-secondary academic study.
4. Possess a current unencumbered license as a registered nurse in Alabama or in the state where clinical practice will occur.
5. Complete a successful interview by the Nursing Graduate Admissions Committee.
6. Submit a 800 to 1000 word essay describing professional goals and how completion of the DNP program will enhance future roles and practice.
7. Submit a Resume that includes education, work experience in nursing, research experiences, publications, presentations, community service, professional memberships and service.
8. Possess a valid certification in advanced practice nursing from a nationally recognized credentialing body or be eligible to take a nationally recognized certification exam. **Note:** *This requirement applies only to post-MSN applicants.*
9. Submit documentation of academic clinical hours. **Note:** *This requirement applies only to post-MSN applicants.*

Temporary Admission

Temporary admission is not applicable for Nursing Licensure Programs, this includes the MSN and DNP degrees.

CLINICAL HOUR REQUIREMENTS FOR THE DOCTOR OF NURSING PRACTICE

DNP students must achieve a combined 1,000 clinical hours at the post-baccalaureate (MSN and DNP) level prior to graduating from the DNP program. If a student eligible for admission to the Post-Masters DNP program enters the program with fewer than 280 clinical hours, then the student is required to take the following course to achieve those hours:

- NSG 8880 - Directed Professional Practicum

TRANSFER CREDIT

For students completing the Doctor of Nursing Practice, all transfer credits used to satisfy degree requirements may not exceed five years at the time of degree completion. Courses exceeding five years may not be transferred unless approved by committee. A maximum of 12 credit hours of coursework may be accepted from only an existing Master of Science in Nursing towards DNP degree.

CURRICULUM

DOCTOR OF NURSING PRACTICE (DNP) POST BACCALAUREATE PROGRAM FAMILY NURSE PRACTITIONER

Minimum Total Hours: 70

Advanced Nursing Core (17 sh)

- NSG 6604 2 Theories in Nursing
- NSG 8801 3 Healthcare Informatics and Data Management
- NSG 8804 3 Policy and Politics in Healthcare
- NSG 8805 3 Principles of Epidemiology
- NSG 8822 3 Leadership in Organizations and Systems
- NSG 8826 3 Health Disparities from a Systems Perspective

Advanced Nursing Specialty (24 sh)

- NSG 6612 3 Advanced Health Assessment
- NSG 6613 3 Advanced Health Assessment Preceptorship
- NSG 6649 3 Advanced Pharmacology
- NSG 6671 3 Advanced Pathophysiology
- NSG 6665 3 Primary Care I: Pediatrics and Women's Health
- NSG 6666 3 Primary Care I: Preceptorship Pediatrics and Women's Health
- NSG 6667 3 Primary Care II: Adults and Geriatrics
- NSG 6668 3 Primary Care II Preceptorship: Adults and Geriatrics

Scholarly Inquiry Methods for Evidence-based Practice (12 sh)

- NSG 6691 3 Research and Evidence for Advanced Nursing Practice
- NSG 8802 3 Applied Biostatistics
- NSG 8812 3 Foundations of Evidence-based Practice
- NSG 8815 3 Evaluation Methods for Improvement of Clinical Outcomes

Advanced Nursing Roles (6 sh)

- NSG 6670 1 Role Synthesis Seminar
- NSG 6680 5 Family Nurse Practitioner Internship

Practice Synthesis (8-12 sh)

- NSG 8810 1 Synthesis of Evidence Based Practice I: Project Identification
- NSG 8820 2 Synthesis of Evidence Based Practice II: Project Development
- NSG 8830 2-4 Synthesis of Evidence Based Practice III: Project Implementation
- NSG 8840 3-5 Synthesis of Evidence Based Practice IV: Project Evaluation

Synthesis and Evaluation (3 sh)

- NSG 8850 3 Dissemination

Total Hours: 70-74

Advising Note: For potential students who hold a MSN without a clinical specialty the following is a possible course of study if approved by an academic adviser:

Advanced Nursing Core (15 sh)

- NSG 8801 3 Healthcare Informatics and Data Management
- NSG 8804 3 Policy and Politics in Healthcare
- NSG 8805 3 Principles of Epidemiology
- NSG 8822 3 Leadership in Organizations and Systems
- NSG 8826 3 Health Disparities from a Systems Perspective

Advanced Nursing Specialty (24 sh)

- NSG 6612 3 Advanced Health Assessment
- NSG 6613 3 Advanced Health Assessment Preceptorship
- NSG 6649 3 Advanced Pharmacology
- NSG 6671 3 Advanced Pathophysiology
- NSG 6665 3 Primary Care I: Pediatrics and Women's Health
- NSG 6666 3 Primary Care I: Preceptorship Pediatrics and Women's Health
- NSG 6667 3 Primary Care II: Adults and Geriatrics
- NSG 6668 3 Primary Care II Preceptorship: Adults and Geriatrics

Scholarly Inquiry Methods for Evidence-based Practice (9 sh)

- NSG 8802 3 Applied Biostatistics
- NSG 8812 3 Foundations of Evidence-based Practice
- NSG 8815 3 Evaluation Methods for Improvement of Clinical Outcomes

Advanced Nursing Roles (6 sh)

- NSG 6670 1 Role Synthesis Seminar
- NSG 6680 5 Family Nurse Practitioner Internship

Practice Synthesis (8-12 sh)

- NSG 8810 1 Synthesis of Evidence Based Practice I: Project Identification
- NSG 8820 2 Synthesis of Evidence Based Practice II: Project Development
- NSG 8830 2-4 Synthesis of Evidence Based Practice III: Project Implementation
- NSG 8840 3-5 Synthesis of Evidence Based Practice IV: Project Evaluation

Synthesis and Evaluation (3 sh)

- NSG 8850 3 Dissemination

Total Hours: 65-69

DOCTOR OF NURSING PRACTICE (DNP) POST BACCALAUREATE PROGRAM NURSING LEADERSHIP

Minimum Total Hours: 62

Advanced Nursing Core (16 sh)

- NSG 6604 2 Theories in Nursing
- NSG 6605 2 Healthcare Economics
- NSG 8804 3 Policy and Politics in Healthcare
- NSG 8805 3 Principles of Epidemiology
- NSG 8822 3 Leadership in Organizations and Systems
- NSG 8826 3 Health Disparities from a Systems Perspective

Advanced Nursing Specialty (14 sh)

- NSG 6630 2 Introduction to Nursing Leadership and Technology Practicum
- NSG 6631 3 Concepts of Healthcare Informatics and Leadership
- NSG 6632 3 Theoretical Foundations of Nursing Informatics and Leadership
- NSG 6633 3 Healthcare Systems
- NSG 6635 3 Applied Principles of Leadership and Technology in Healthcare

Scholarly Inquiry Methods for Evidence-based Practice (12 sh)

- NSG 6691 3 Research and Evidence for Advanced Nursing Practice

- NSG 8802 3 Applied Biostatistics
 NSG 8812 3 Foundations of Evidence-based Practice
 NSG 8815 3 Evaluation Methods for Improvement of Clinical Outcomes

Advanced Nursing Roles (9 sh)

- NSG 6634 3 Roles in Nursing Leadership and Informatics
 NSG 6636 3 Advanced Nursing Practice Internship I
 NSG 6637 3 Advanced Nursing Practice Internship II

Practice Synthesis (8-12 sh)

- NSG 8810 1 Synthesis of Evidence Based Practice I:
Project Identification
 NSG 8820 2 Synthesis of Evidence Based Practice II:
Project Development
 NSG 8830 2-4 Synthesis of Evidence Based Practice III:
Project Implementation
 NSG 8840 3-5 Synthesis of Evidence Based Practice IV:
Project Evaluation

Synthesis and Evaluation (3 sh)

- NSG 8850 3 Dissemination

Optional (1-3 sh)

- NSG 8880 1-3 Directed Professional Practicum

Total Hours: 62-66

Advising Note: For potential students who hold a MSN without a clinical specialty the following is a possible course of study if approved by an academic adviser:

Advanced Nursing Core (14 sh)

- NSG 6605 2 Healthcare Economics
 NSG 8804 3 Policy and Politics in Healthcare
 NSG 8805 3 Principles of Epidemiology
 NSG 8822 3 Leadership in Organizations and Systems
 NSG 8826 3 Health Disparities from a Systems Perspective

Advanced Nursing Specialty (14 sh)

- NSG 6630 2 Introduction to Nursing Leadership and Technology Practicum
 NSG 6631 3 Concepts of Healthcare Informatics and Leadership
 NSG 6632 3 Theoretical Foundations of Nursing Informatics and Leadership
 NSG 6633 3 Healthcare Systems
 NSG 6635 3 Applied Principles of Leadership and Technology in Healthcare

Scholarly Inquiry Methods for Evidence-based Practice (9 sh)

- NSG 8802 3 Applied Biostatistics
 NSG 8812 3 Foundations of Evidence-based Practice
 NSG 8815 3 Evaluation Methods for Improvement of Clinical Outcomes

Advanced Nursing Roles (9 sh)

- NSG 6634 3 Roles in Nursing Leadership and Informatics
 NSG 6636 3 Advanced Nursing Practice Internship I
 NSG 6637 3 Advanced Nursing Practice Internship II

Practice Synthesis (8-12 sh)

- NSG 8810 1 Synthesis of Evidence Based Practice I:
Project Identification
 NSG 8820 2 Synthesis of Evidence Based Practice II:
Project Development
 NSG 8830 2-4 Synthesis of Evidence Based Practice III:

Project Implementation

- NSG 8840 3-5 Synthesis of Evidence Based Practice IV:
Project Evaluation

Synthesis and Evaluation (3 sh)

- NSG 8850 3 Dissemination

Optional (1-3 sh)

- NSG 8880 1-3 Directed Professional Practicum

Total Hours: 57-61**DOCTOR OF NURSING****PRACTICE (DNP) POST MASTERS PROGRAM****Minimum Total Hours: 35****Advanced Nursing Core (15 sh)**

- NSG 8801 3 Healthcare Informatics and Data Management
 NSG 8804 3 Policy and Politics in Healthcare
 NSG 8805 3 Principles of Epidemiology
 NSG 8822 3 Leadership in Organizations and Systems
 NSG 8826 3 Health Disparities from a Systems Perspective

Scholarly Inquiry Methods for Evidence-based Practice (9 sh)

- NSG 8802 3 Applied Biostatistics
 NSG 8812 3 Foundations of Evidence-based Practice
 NSG 8815 3 Evaluation Methods for Improvement of Clinical Outcomes

Practice Synthesis (8-12 sh)

- NSG 8810 1 Synthesis of Evidence Based Practice I:
Project Identification
 NSG 8820 2 Synthesis of Evidence Based Practice II:
Project Development
 NSG 8830 2-4 Synthesis of Evidence Based Practice III:
Project Implementation
 NSG 8840 3-5 Synthesis of Evidence Based Practice IV:
Project Evaluation

Synthesis and Evaluation (3 sh)

- NSG 8850 3 Dissemination

Optional (1-3 sh)

- NSG 8880 1-3 Directed Professional Practicum

Total: 35-39**REQUIREMENTS****FOR STUDENTS IN CLINICAL COURSES**

All students must maintain RN licensure, current CPR certification, professional liability insurance, proof of annual physical examination, negative drug screen and clear a background check when enrolled in clinical nursing courses. Professional liability insurance is available through the School of Nursing. Students are responsible for their own medical care if needed in the clinical setting. Students are also responsible for personal transportation costs incurred during the program.

Students must meet Centers for Disease Control (CDC) and Occupational Safety and Health Administration (OSHA) guidelines.

PROGRESSION

DNP students must achieve a grade of "B" or better in NSG 6691 - Research and Evidence for Advanced Nursing Practice (if BSN-

DNP) and NSG 8812 - Foundations of Evidence-based Practice in order to meet Graduate School requirements.

Graduate students may earn no more than six semester hours of grades below "B." Students who earn more than six semester hours of "C" grades or below are automatically academically suspended from the University for a period of one calendar year at which time the student may petition the Dean of the Graduate School for readmission.

COMPETENCY EVALUATIONS

Prior to completing NSG 8820 - Synthesis of Evidence Based Practice II: Project Development, the student must complete the Initial Competency Evaluation by successfully presenting the DNP Synthesis Project Proposal. Prior to completing NSG 8840 - Synthesis of Evidence Based Practice IV: Project Evaluation, the student must complete the Final Competency Evaluation by successfully presenting the DNP Synthesis Project.

DEGREE REQUIREMENTS

Graduation from the DNP program requires completion of a prescribed plan of study. Consistent with recommendations from the AACN, the DNP program requires three academic years for post-baccalaureate and two years for post-master's options. Therefore, the number of credits required for graduation from the DNP program will depend upon prior degree. All credits used to satisfy the degree requirements for the DNP must not exceed eight years at the time of degree completion.

Graduation requirements include:

- Completion of all prescribed coursework with a 3.0 GPA or better
- Submission of an approved comprehensive e-Portfolio
- Completion of a minimum of 1000 hours of graduate level clinical practice as part of a supervised academic program
- Successful completion of the Synthesis Project

DNP SYNTHESIS PROJECT

Doctor of Nursing Practice (DNP) students will identify, develop, implement, evaluate, and disseminate findings of a clinical project that has systems level impact for the improvement of healthcare outcomes for a population group within a specific nursing practice. Specific courses in the DNP curriculum guide the completion of this project.

TRANSFER CREDIT

A maximum of twelve semester hours taken at another regionally accredited institution of higher education with a "B" grade or better may be applied toward the degree. These courses must be comparable to Troy University courses and must be reviewed by the graduate nursing faculty who will make a recommendation to the Dean of Health and Human Services. For students completing the Doctorate of Nursing Practice, all transfer credits used to satisfy degree requirements may not exceed eight years at the time of the degree completion.

POST-MASTER'S CERTIFICATE IN FAMILY NURSE PRACTITIONER

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The post-master's certificate options provide lifelong learners with the opportunity to specialize in an area other than that obtained in their MSN program. A MSN degree is required. Those who complete the certificate option earn a certificate of completion, not another master's degree, and are eligible to apply for the appropriate specialty certification exam.

ACCREDITATION

The master's/post-master's certificate nursing program at Troy University at the Dothan, Montgomery, Phenix City, and Troy Campuses located in Dothan, Montgomery, Phenix City, and Troy, AL, is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA, 30326. (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the master's/post-master's certificate nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.com/accreditedprograms/programsearch.htm>.

ADMISSION REQUIREMENTS

1. Graduate of nationally accredited MSN Program (ACEN, NL-NAC, CNEA, or CCNE).
2. Current unencumbered RN licensure in the state in which the student plans to have clinical experiences.
3. Minimum of one year experience as a registered nurse.

CURRICULUM

Minimum Semesters: 5

Minimum Total Hours: 33 sh, 705 clinical clock hours

The post-master's certificate in Family Nurse Practitioner Option consists of five semesters/11 courses offered by Troy University's School of Nursing and requires 33 semester hours and 705 clinical clock hours for completion. Students who begin in Fall semester can complete the FNP certificate option in five semesters. The program is open to graduate students who have completed a MSN program and meet the requirements. There are a limited number of mandatory on campus requirements. There is a certification exam available with completion of this certificate.

Required Nursing Specialty Courses (27 sh)

NSG 6612	3	Advanced Health Assessment
NSG 6613	3	Advanced Health Assessment Preceptorship
NSG 6645	3	Family and Cultural Theories in Advanced

Nursing Practice

- NSG 6649 3 Advanced Pharmacology
 NSG 6665 3 Primary Care I: Pediatrics and Women's Health
 NSG 6666 3 Primary Care I: Preceptorship Pediatrics and Women's Health
 NSG 6667 3 Primary Care II: Adults and Geriatrics
 NSG 6668 3 Primary Care II Preceptorship: Adults and Geriatrics
 NSG 6671 3 Advanced Pathophysiology

Required Role Courses (6 sh)

- NSG 6670 1 Role Synthesis Seminar
 NSG 6680 5 Family Nurse Practitioner Internship

POST-MASTER'S CERTIFICATE IN HEALTHCARE INFORMATICS AND NURSING LEADERSHIP

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The post-master's certificate options provide lifelong learners with the opportunity to specialize in an area other than that obtained in their MSN program. A MSN degree is required. Those who complete the certificate option earn a certificate of completion, not another master's degree, and are eligible to apply for the appropriate specialty certification exam.

ACCREDITATION

The master's/post-master's certificate nursing program at Troy University at the Dothan, Montgomery, Phenix City, and Troy Campuses located in Dothan, Montgomery, Phenix City, and Troy, AL, is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA, 30326. (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the master's/post-master's certificate nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.com/accreditedprograms/programsearch.htm>.

ADMISSION REQUIREMENTS

1. Graduate of nationally accredited MSN Program (ACEN, NL-NAC, CNEA, or CCNE).
2. Current unencumbered RN licensure in the state in which the student plans to have clinical experiences.
3. Minimum of one year experience as a registered nurse.

CURRICULUM**Minimum Semesters: 4****Minimum Total Hours: 23 sh, 480 clinical clock hours**

The post-master's certificate option provide lifelong learners with the opportunity to specialize in an area other than that obtained in their Master of Science in Nursing (MSN) program. An MSN degree is required. Those who complete the certificate option earn a certificate of completion, not another master's degree, and are eligible to apply for the appropriate specialty certification exam. The post-master's certificate in Healthcare Informatics and Nursing Leadership Option consists of four semesters/8 courses offered by Troy University's School of Nursing and requires 23 semester hours and 480 clinical clock hours for completion. Students will be accepted into the program only in fall semester and can complete the program in two years or four semesters attending fall and spring semesters. The program is offered completely online and is open to graduate students who have completed a MSN program and meet the requirements for admission.

Nursing Specialty Courses: (14 sh)

- NSG 6630 2 Introduction to Nursing Leadership and Technology Practicum
 NSG 6631 3 Concepts of Healthcare Informatics and Leadership
 NSG 6632 3 Theoretical Foundations of Nursing Informatics and Leadership
 NSG 6633 3 Healthcare Systems
 NSG 6635 3 Applied Principles of Leadership and Technology in Healthcare

Role Courses: (9 sh)

- NSG 6634 3 Roles in Nursing Leadership and Informatics
 NSG 6636 3 Advanced Nursing Practice Internship I
 NSG 6637 3 Advanced Nursing Practice Internship II

POST-MASTER'S CERTIFICATE IN NURSING EDUCATION

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The post-master's certificate options provide lifelong learners with the opportunity to specialize in an area other than that obtained in their MSN program. A MSN degree is required. Those who complete the certificate option earn a certificate of completion, not another master's degree, and are eligible to apply for the appropriate specialty certification exam.

ACCREDITATION

The master's/post-master's certificate nursing program at Troy University at the Dothan, Montgomery, Phenix City, and Troy Campuses located in Dothan, Montgomery, Phenix City, and Troy, AL, is accredited by the: Accreditation Commission for Education

in Nursing (ACEN) 3390 Peachtree Rd. NE, Suite 1400, Atlanta, GA, 30326. (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the master's/post-master's certificate nursing program is Continuing Accreditation. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.com/accreditedprograms/programsearch.htm>.

ADMISSION REQUIREMENTS

4. Graduate of nationally accredited MSN Program (ACEN, NL-NAC, CNEA, or CCNE).
5. Current unencumbered RN licensure in the state in which the student plans to have clinical experiences.
6. Minimum of one year experience as a registered nurse.

CURRICULUM

Minimum Semesters: 4

Minimum Semesters: 3

Minimum Total Hours: 15 sh, 180 clinical clock hours

The post-master's certificate provides the opportunity for master's prepared nurses to complete specialty courses for role preparation as a nurse educator. Those who complete the certificate option earn a certificate of completion, not another master's degree, and are eligible to apply for the appropriate specialty certification exam.

The post-master's certificate in Nursing Education Option consists of 5 courses offered by Troy University's School of Nursing and requires 15 semester hours and 180 clinical clock hours for completion. The program is offered online and is open to graduate students who have completed a MSN program and meet the requirements for admission.

Nursing Specialty Courses (12 sh)

NSG 6672	3	Teaching and Learning Theories in Nursing Education
NSG 6673	3	Teaching Strategies in Nursing Education
NSG 6674	3	Curriculum Design & Development in Nursing Education
NSG 6675	3	Assessment and Evaluation in Nursing Education

Role Courses (3 sh)

NSG 6676	3	Nursing Education Preceptorship

2025-2026

TROY UNIVERSITY
Master of Science in Athletic Training
 Graduate Degree Plan
51 Semester-Hour Program

TROY Publication 384-340

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Acceptance into Troy University Graduate School
2. Bachelor's degree from regionally accredited four-year institution
3. Official transcript(s)
4. Completion of research requirement with a "B" or better
5. Completed Athletic Training application & required documentation
6. Two completed forms of recommendation
7. Minimum of 100 observation hours with a certified Athletic Trainer
8. Minimum of a 3.0 overall GPA
9. Proof of BLS CPR certification
10. All credit earned within 8 years of graduation
11. Program interview
12. No more than two grades below "B"
13. Graduation Application filed

REQUIRED COURSES

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
AT 6605	Introduction to Clinical Experience	2			
AT 6610	Health Care Management & Quality Improvement	2			
AT 6620	Foundations of Athletic Training	2			
AT L620	Foundations of Athletic Training Lab	1			
AT 6631	Examination & Therapeutic Management I	4			
AT 6632	Examination & Therapeutic Management II	4			
AT 6633	Examination & Therapeutic Management III	3			
AT 6640	Therapeutic Interventions	3			
AT 6645	Professional Practice in Athletic Training	1			
AT 6650	Pharmacological Considerations in Athletic Training	2			
AT 6655	Research & Analysis in Sports Medicine	3			
AT 6660	General Medical Concerns & Special Populations	3			
KHP 6635	Applied Kinesiology	3			
AT 6661	Clinical Experience I	2			
AT 6662	Clinical Experience II	2			
AT 6663	Clinical Experience III	4			
AT 6664	Clinical Experience IV	9			
AT 6665	Capstone Project	1			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for master's credit one unconditionally admitted
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Selection of major advisor
- ☐ 9. Petition for transfer credit
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional Admission		
Test Scores		
Comprehensive Exam		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN KINESIOLOGY
Applied Physiology Concentration
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-339

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 36 Semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully completed Comprehensive Exam; if applicable
10. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6604	Statistical Analysis and Interpretation	3			
KHP 6617	Research Methods I ("B" or better required)	3			
KHP 6691	Research Methods II ("B" or better required)	3			

APPLIED PHYSIOLOGY CONCENTRATION (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6623	Biomechanics of Sport Techniques	3			
KHP 6635	Applied Kinesiology	3			
KHP 6650	Sport Nutrition and Exercise Metabolism	3			
KHP 6651	Advanced Principles of Strength and Conditioning	3			
KHP 6663	Advanced Exercise Testing and Prescription	3			
KHP 6670	Exercise Physiology	3			
KHP 6671	Advanced Exercise Physiology	3			

NON-THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6672	Sport Psychology	3			
KHP 6690	Internship	3			

THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6694	Thesis I	3			
KHP 6695	Thesis II	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN KINESIOLOGY
Coaching Concentration
 Graduate Degree Plan
30-33 Semester-Hour Program

TROY Publication 384-338

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	6. Overall GPA of 3.0
2. Unconditional Admission	7. Completion of research requirement with a "B" or better
3. 30-33 Semester hours of credit	8. All credit earned within 8 years of graduation
4. Meet residency requirement	9. Successfully completed Comprehensive Exam; if applicable
5. No more than two grades below "B"	10. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6604	Statistical Analysis and Interpretation	3			
KHP 6617	Research Methods I ("B" or better required)	3			
KHP 6691	Research Methods II ("B" or better required)	3			

COACHING CONCENTRATION (18 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6631	Psychological Foundations of Education	3			
KHP 6602	Motor Skills and Human Performance	3			
KHP 6631	Programs in Health and Physical Education	3			
KHP 6672	Sport Psychology	3			
KHP 6673	Ethics in Sport	3			
KHP 6680	Practicum in Physical Education	3			

NON-THESIS OPTION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6690	Internship	3			

THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6694	Thesis I	3			
KHP 6695	Thesis II	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN KINESIOLOGY
Sports Psychology Concentration
 Graduate Degree Plan
30-33 Semester-Hour Program

Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30-33 Semester hours of credit
4. Meet residency requirement
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirement with a "B" or better
8. All credit earned within 8 years of graduation
9. Successfully completed Comprehensive Exam; if applicable
10. Graduation Application filed

REQUIRED CORE COURSES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6689	Research Methods/Statistics I	3			
PSY 6690	Research Methods/Statistics II	3			

SPORTS PSYCHOLOGY CONCENTRATION (21 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6617	Ethical, Legal, and Professional Issues	3			
PSY 6631	Psychological Foundations of Education	3			
PSY 6646	Survey of Industrial Organizational Psychology	3			
KHP 6602	Motor Skills and Human Performance	3			
KHP 6650	Sport Nutrition and Exercise Metabolism	3			
KHP 6672	Sport Psychology	3			
KHP 6673	Ethics in Sport	3			

NON-THESIS OPTION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6690	Internship	3			

THESIS OPTION (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
KHP 6694	Thesis I	3			
KHP 6695	Thesis II	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		

2025-2026

TROY UNIVERSITY
MASTER OF SOCIAL WORK
 Graduate Degree Plan
30-60 Semester-Hour Program

TROY Publication 384-315

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Bachelor's degree in Social Work or Foundation Courses
2. Official transcript(s)
3. 30-60 Semester hours of course work
4. Current criminal background check
5. No more than two grades below "B"
6. Overall GPA of 3.0 to graduate
7. All credit earned within 8 years of graduation

SOCIAL WORK FOUNDATION COURSES: For students who do NOT have a Bachelor's degree in Social Work Foundation courses or their equivalent **are required for students with non-social work undergraduate degrees.**

☐ Requires Foundation coursework to be completed ☐ Waiver of Foundation coursework granted

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SWK 6601	Intro. to Social Policy Develop. & the Effects of Community and Org.	3			
SWK 6604	Human Behavior in the Social Environment I	3			
SWK 6605	Human Behavior in the Social Environment II	3			
SWK 6606	Direct Practice Methods with Individuals and Families*	3			
SWK 6608	Theory and Practice with Groups	3			
SWK 6614	Cultural Diversity	3			
SWK 6691	Foundation Research Methods*	3			
SWK 6696	Foundation Pre-Practicum Seminar	3			
SWK 6697	Foundation Practicum I*	3			
SWK 6698	Foundation Practicum II*	3			

*A grade of "B" or better is required.

SPECIALIZATION CURRICULUM: The concentration curriculum allows students to develop competencies with Direct Practice (DP), which requires a total of 30 semester hours including a 9 hour Practicum.

DIRECT PRACTICE SPECIALIZATION CORE REQUIREMENTS (30 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SWK 7701	Models of Intervention with Individuals*	3			
SWK 7702	Models of Intervention with Families and Diverse Groups*	3			
SWK 7703	Direct Practice Evaluation*	3			
SWK 7705	Assessment and Psychopathology	3			
SWK 7707	Advanced Social Work Practice with Groups	3			
SWK 7726	Social Work with Military Families	3			
SWK 7780	Direct Practice Pre-Practicum Seminar	3			
SWK 7781	Direct Practice Practicum I	3			
SWK 7782	Direct Practice Practicum II	3			
SWK XXXX	Advisor-Approved Focused Elective	3			

*A grade of "B" or better is required.

2025-2026

MASTER OF SOCIAL WORK
TROY Publication 384-315
Revised 1/2025
Page 2 of 2

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE - Post-Baccalaureate
Program
Family Nurse Practitioner
DNP Graduate Degree Plan
(Advising Note: For Students without a MSN)
70-74 Semester-Hour Program

TROY Publication 384-312

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 70-74 Semester hours of credit
4. Meet synthesis requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirements with a "B" or better
8. All credit earned within 5 years of graduation
9. Completion of 1000 clinical hours at graduate level
10. Committee Approval of Synthesis Project Proposal
11. Successful completion of e-Portfolio
12. Successful completion of DNP Synthesis Project
13. Graduation Application filed

ADVANCED NURSING CORE COURSES (17 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories in Nursing	2			
NSG 8801	Healthcare Informatics and Data Management	3			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

ADVANCED NURSING SPECIALITY COURSES (24 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6665	Primary Care I: Pediatrics and Women's Health	3			
NSG 6666	Primary Care I: Preceptorship Pediatrics and Women's Health	3			
NSG 6667	Primary Care II: Adults and Geriatrics	3			
NSG 6668	Primary Care II Preceptorship: Adults and Geriatrics	3			
NSG 6671	Advanced Pathophysiology	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6691	Research and Evidence for Advanced Nursing Practice	3			
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

ADVANCED NURSING ROLES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

2025-2026

DNP-FNP Post Baccalaureate Program
 TROY Publication 384-312
 Revised 1/2025
 Page 2 of 2

PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

SYNTHESIS EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

ADMISSION STATUS:**ITEMS TO BE DISCUSSED:**

- ☐ 1. Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2025-2026

TROY UNIVERSITY
MSN: Healthcare Informatics and Nursing Leadership
 Graduate Degree Plan
37 Semester-Hour Program

TROY Publication 384-336

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 37 Semester hours of credit minimum
4. Meet residency requirements
5. No more than 6 semester hours below "B"
6. Overall GPA of 3.0 to graduate
7. Completion of Research Methodology with a "B" or better
8. All credit earned within 5 years of graduation
9. Successful completion of Comprehensive Exam/Thesis
10. Graduation Application filed

NURSING CORE COURSES (7 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories in Nursing	2			
NSG 6605	Healthcare Economics	2			
NSG 6660	Foundations of Advanced Nursing Practice	3			

RESEARCH COURSES (7 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6691	Research and Evidence for Advanced Nursing Practice	3			
NSG 6692	Data Analysis and Interpretation in Quantitative Research	2			
NSG 6696	Scholarly Inquiry Practicum I	1			
NSG 6697	Scholarly Inquiry Practicum I	1			

NURSING SPECIALTY COURSES (20 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/Y	TRANSFER CREDIT
NSG 6630	Introduction to Nursing Leadership and Technology Practicum	2/8			
NSG 6631	Concepts of Healthcare Informatics and Leadership	3			
NSG 6632	Theoretical Foundations of Nursing Informatics and Leadership	3			
NSG 6633	Healthcare Systems	3			
NSG 6635	Applied Principles of Leadership and Technology in Healthcare	3			

ROLE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6634	Roles in Nursing Leadership and Informatics	3			
NSG 6636	Advanced Nursing Practice Internship I	3			
NSG 6637	Advanced Nursing Practice Internship II	3			

OPTIONAL (1-4 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6695	Thesis				

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
FAMILY NURSE PRACTITIONER CERTIFICATE
 Post Master's Certificate Degree Plan
33 Semester-Hour FNP Certificate Program

TROY Publication 384-313

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	5. No more than 6 semester hours below "B"
2. Unconditional Admission	6. Overall GPA of 3.0 to graduate
3. 33 (FNP-Certificate) Semester hours of credit minimum	7. All credit earned within 5 years of graduation
4. Meet residency requirements	8. Graduation Application filed

NURSING SPECIALITY COURSES (27 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship	3			
NSG 6645	Family and Cultural Theories in Advanced Nursing Practice	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6665	Primary Care I: Pediatrics and Women's Health	3			
NSG 6666	Primary Care I: Preceptorship Pediatrics and Women's Health	3			
NSG 6667	Primary Care II: Adults and Geriatrics	3			
NSG 6668	Primary Care II Preceptorship: Adults and Geriatrics	3			
NSG 6671	Advanced Pathophysiology	3			

FNP ROLE COURSES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
Healthcare Informatics and Nursing
Leadership Certificate
 Post Master's Certificate Degree Plan
23 Semester-Hour HINL Certificate Program

TROY Publication 384-313

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 23 Semester hours of credit minimum
4. Meet residency requirements
5. No more than 6 semester hours below "B"
6. Overall GPA of 3.0 to graduate
7. All credit earned within 5 years of graduation
8. Graduation Application filed

NURSING SPECIALITY COURSES (14 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6630	Introduction to Nursing Leadership and Technology Practicum	2			
NSG 6631	Concepts of Healthcare Informatics and Leadership	3			
NSG 6632	Theoretical Foundations of Nursing Informatics and Leadership	3			
NSG 6633	Healthcare Systems	3			
NSG 6635	Applied Principles of Leadership and Technology in Healthcare	3			

ROLE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/Y	TRANSFER CREDIT
NSG 6634	Roles in Nursing Leadership and Informatics	3			
NSG 6636	Advanced Nursing Practice Internship I	3			
NSG 6637	Advanced Nursing Practice Internship II	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
POST MSN NURSING EDUCATION CERTIFICATE
 Post Master's Certificate Degree Plan
15 Semester-Hour Nursing Education Certificate
Program

TROY Publication 384-313

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 23 Semester hours of credit minimum
4. Meet residency requirements
5. No more than 6 semester hours below "B"
6. Overall GPA of 3.0 to graduate
7. All credit earned within 5 years of graduation
8. Graduation Application filed

NURSING SPECIALITY COURSES (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6672	Teaching and Learning Theories in Nursing Education	3			
NSG 6673	Teaching Strategies in Nursing Education	3			
NSG 6674	Curriculum Design and Development in Nursing Education	3			
NSG 6675	Assessment and Evaluation in Nursing Education	3			

ROLE COURSES (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6676	Nursing Education Preceptorship	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Residency		
Test Scores		
Comps		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE - Post-Baccalaureate
Program
Family Nurse Practitioner
DNP Graduate Degree Plan
(Advising Note: For Students without a MSN)
70-74 Semester-Hour Program

TROY Publication 384-312

Revised 1/2025

Page 1of 2

Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 70-74 Semester hours of credit
4. Meet synthesis requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirements with a "B" or better
8. All credit earned within 5 years of graduation
9. Completion of 1000 clinical hours at graduate level
10. Committee Approval of Synthesis Project Proposal
11. Successful completion of e-Portfolio
12. Successful completion of DNP Synthesis Project
13. Graduation Application filed

ADVANCED NURSING CORE COURSES (17 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories in Nursing	2			
NSG 8801	Healthcare Informatics and Data Management	3			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

ADVANCED NURSING SPECIALITY COURSES (24 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6665	Primary Care I: Pediatrics and Women's Health	3			
NSG 6666	Primary Care I: Preceptorship Pediatrics and Women's Health	3			
NSG 6667	Primary Care II: Adults and Geriatrics	3			
NSG 6668	Primary Care II Preceptorship: Adults and Geriatrics	3			
NSG 6671	Advanced Pathophysiology	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6691	Research and Evidence for Advanced Nursing Practice	3			
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

ADVANCED NURSING ROLES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

2025-2026

DNP-FNP Post Baccalaureate Program
 TROY Publication 384-312
 Revised 1/2025
 Page 2 of 2

PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/Y	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

SYNTHESIS EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE - Post-Baccalaureate
Program
Family Nurse Practitioner
DNP Graduate Degree Plan
(Advising Note: For Students with a non-clinical MSN)
65-69 Semester-Hour Program

TROY Publication 384-311

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)	8. All credit earned within 5 years of graduation
2. Unconditional Admission	9. Completion of 1000 clinical hours at graduate level
3. 70-74 Semester hours of credit	10. Committee Approval of Synthesis Project Proposal
4. Meet synthesis requirements	11. Successful completion of e-Portfolio
5. No more than two grades below "B"	12. Successful completion of DNP Synthesis Project
6. Overall GPA of 3.0	13. Graduation Application filed
7. Completion of research requirements with a "B" or better	

ADVANCED NURSING CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8801	Healthcare Informatics and Data Management	3			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

ADVANCED NURSING SPECIALITY COURSES (24 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6665	Primary Care I: Pediatrics and Women's Health	3			
NSG 6666	Primary Care I: Preceptorship Pediatrics and Women's Health	3			
NSG 6667	Primary Care II: Adults and Geriatrics	3			
NSG 6668	Primary Care II Preceptorship: Adults and Geriatrics	3			
NSG 6671	Advanced Pathophysiology	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

ADVANCED NURSING ROLES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

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DNP-FNP Post Baccalaureate Program
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PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

SYNTHESIS EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE - Post-Baccalaureate
Program
Nursing Leadership
DNP Graduate Degree Plan
(Advising Note: For Students with without a MSN)
62-66 Semester-Hour Program

TROY Publication 384-312

Revised 1/2025

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Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 62-66 Semester hours of credit
4. Meet synthesis requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirements with a "B" or better
8. All credit earned within 5 years of graduation
9. Completion of 1000 clinical hours at graduate level
10. Committee Approval of Synthesis Project Proposal
11. Successful completion of e-Portfolio
12. Successful completion of DNP Synthesis Project
13. Graduation Application filed

ADVANCED NURSING CORE COURSES (16 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories of Nursing	2			
NSG 6605	Healthcare Economics	2			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

ADVANCED NURSING SPECIALITY COURSES (14 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6630	Introduction to Nursing Leadership and Technology Practicum	2			
NSG 6631	Concepts of Healthcare Informatics and Leadership	3			
NSG 6632	Theoretical Foundations of Nursing Informatics and Leadership	3			
NSG 6633	Healthcare Systems	3			
NSG 6635	Applied Principles of Leadership and Technology in Healthcare	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6691	Research and Evidence for Advanced Nursing Practice	3			
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

ADVANCED NURSING ROLES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6634	Role in Nursing Leadership and Informatics	3			
NSG 6636	Advanced Nursing Practice Internship I	3			
NSG 6637	Advanced Nursing Practice Internship II	3			

PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

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SYNTHESIS AND EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

OPTIONAL (1-3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8880	Directed Professional Practicum	1-3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE - Post-Baccalaureate
Program
Nursing Leadership
DNP Graduate Degree Plan
(Advising Note: For Students with a non-clinical MSN)
57-61 Semester-Hour Program

TROY Publication 384-311

Revised 1/2025

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Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 57-61 Semester hours of credit
4. Meet synthesis requirements
5. No more than two grades below "B"
6. Overall GPA of 3.0
7. Completion of research requirements with a "B" or better
8. All credit earned within 5 years of graduation
9. Completion of 1000 clinical hours at graduate level
10. Committee Approval of Synthesis Project Proposal
11. Successful completion of e-Portfolio
12. Successful completion of DNP Synthesis Project
13. Graduation Application filed

ADVANCED NURSING CORE COURSES (14 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6605	Healthcare Economics	2			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

ADVANCED NURSING SPECIALITY COURSES (14 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6630	Introduction to Nursing Leadership and Technology Practicum	2			
NSG 6631	Concepts of Healthcare Informatics and Leadership	3			
NSG 6632	Theoretical Foundations of Nursing Informatics and Leadership	3			
NSG 6633	Healthcare Systems	3			
NSG 6635	Applied Principles of Leadership and Technology in Healthcare	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

ADVANCED NURSING ROLES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6634	Role in Nursing Leadership and Informatics	3			
NSG 6636	Advanced Nursing Practice Internship I	3			
NSG 6637	Advanced Nursing Practice Internship II	3			

PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

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SYNTHESIS AND EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

OPTIONAL (1-3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8880	Directed Professional Practicum	1-3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
☐ 2. Availability of faculty for academic advising
☐ 3. Petition for transfer credit once unconditionally admitted
☐ 4. Class Attendance
☐ 5. Drop and Withdrawal procedures; deadlines and consequences
☐ 6. Petition for an incomplete grade
☐ 7. Student participation in course and program evaluation
☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2025-2026

TROY UNIVERSITY
DOCTOR OF NURSING PRACTICE-Post-Master's Program
DNP Graduate Degree Plan
35-39 Semester-Hour Program

TROY Publication 384-310

Revised 1/2025

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Name: Student ID#: Campus:
Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 35-39 Semester hours of credit minimum
4. Meet synthesis requirements
5. No more than 6 semester hours below "B"
6. Overall GPA of 3.0
7. Completion of research requirements with a "B" or better
8. All credit earned within 5 years of graduation
9. Successful completion of Competency Evaluations
10. Committee Approval of Synthesis Project Proposal
11. Completion of 1000 clinical hours at graduate level
12. Successful completion of DNP Synthesis Project
13. Successful completion of e-Portfolio
14. Graduate Application filed

ADVANCED NURSING CORE COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8801	Healthcare Informatics and Data Management	3			
NSG 8804	Policy and Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations and Systems	3			
NSG 8826	Health Disparities from a Systems Perceptive	3			

SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8802	Applied Biostatistics	3			
NSG 8812	Foundations of Evidence-based Practice	3			
NSG 8815	Evaluation Methods for Improvement of Clinical Outcomes	3			

PRACTICE SYNTHESIS (8-12 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8810	Synthesis of Evidence Based Practice I: Project Identification	1			
NSG 8820	Synthesis of Evidence Based Practice II: Project Development	2			
NSG 8830	Synthesis of Evidence Based Practice III: Project Implementation	2-4			
NSG 8840	Synthesis of Evidence Based Practice IV: Project Evaluation	3-5			

SYNTHESIS AND EVALUATION (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	3			

OPTIONAL (3 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8850	Dissemination	1-3			

ITEMS TO BE DISCUSSED:

- ☐ 1. Unconditional Admission
- ☐ 2. Availability of faculty for academic advising
- ☐ 3. Petition for transfer credit once unconditionally admitted
- ☐ 4. Class Attendance
- ☐ 5. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 6. Petition for an incomplete grade
- ☐ 7. Student participation in course and program evaluation
- ☐ 8. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Synthesis Requirements Met		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

COLLEGE OF SCIENCE AND ENGINEERING

The College of Science and Engineering stands as the cornerstone of research at Troy University, cherishing creativity, inquiry, and understanding as paramount values in human experience. Committed to the pursuit, creation, and dissemination of knowledge, the College offers undergraduate and graduate programs designed to cultivate an enlightened and productive citizenry. Additionally, it provides services and programs that enhance the quality of life for the communities it serves.

The dedication to creativity and unbiased inquiry is rooted in the principles of objective scientific scholarship. The College upholds a responsibility to promote and integrate essential scientific elements into the educational goals of all university departments. It strives for richness through diverse programs and strength through scholarly excellence.

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	Support Sites	Troy Online
Applied Mathematical Sciences						X
Biomedical Science	X					
Computer Science	X					X
Artificial Intelligence Concentration	X					X
Bioinformatics Concentration	X					
Computer Network and Security Concentration	X					X
Cyber Security Concentration	X					X
Data Science Concentration	X					
Software Development Concentration	X					X
Video Game Design	X					X
Environmental and Biological Sciences	X					X

* Please refer to Troy University Admissions for specific program availability by location

^^ Offered as blended program. A blended program combines both online and face-to-face courses in the required program of study.

MASTER OF SCIENCE IN APPLIED MATHEMATICAL SCIENCES

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

MISSION

The Master of Science in Applied Mathematical Sciences prepares students for professional careers or more advanced degrees in mathematics or statistics. Objectives of the program are as follows:

- To provide students with opportunities to refine their skills and core competencies in discrete mathematics and statistics through the advancement and development of

concepts, techniques, and methodologies appropriated in the field.

- To prepare students for work in the fields where a knowledge of mathematics, statistics, algorithms, and computer programming would be highly-valued.
- To facilitate the development of advanced skills in an environment that will ensure both a realistic and varied exposure to contemporary discrete mathematics and statistics problems.
- To promote the integration and application of cutting edge concepts and approaches in the discrete and statistics field.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree in Mathematics, Mathematics Education, Statistics, Physics, Computer Science, or a related field from a regionally-accredited four-year college or university.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of recommendation
- Transcripts

Unconditional Admission

Hold bachelor's degree in Mathematics, Mathematics Education, Statistics, Physics, Computer Science, or a related field from a regionally-accredited four-year college or university with a minimum overall undergraduate grade point average of 2.5 (on a 4.0 scale) or a 3.0 on grade point average for the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. All transcripts from any colleges or universities attended are required.

Conditional Admission

For those students who cannot satisfy all unconditional admission requirements, conditional admission may be granted under certain circumstances. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate MTH or STAT courses with a minimum grade point average of 3.0
2. A student with a bachelor's degree outside the field of Mathematics or Statistics may satisfy the bachelor's degree requirement by completing ALL the following courses or their equivalent:
 - MTH 2220 - Computer Programming for Mathematics
 - MTH 2227 - Calculus III
 - MTH 3318 - Introduction to Advanced Mathematics
 - STAT 2210 - Introductory Statistics
 - MTH 3331 Linear Algebra

Additional courses may be required by the Mathematics and Statistics Graduate Advisor depending on the student's background. A student must complete all courses with a grade point average of 3.0.

Note: To remain eligible for Federal Financial Aid, all undergraduate courses *MUST* be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

TRANSFER CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the department's graduate program and must be recommended for transfer credit by the Chair of the Department of Mathematics and Statistics and approved by the Dean of the Graduate School. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

DEGREE OPTIONS

There are two degree options: thesis and non-thesis (Mathematical Physics Concentration must choose the thesis option). In the thesis

option, the student must successfully complete and defend a thesis as well as complete other requirements stated below. See Thesis Guidelines for additional information. In the non-thesis option, the student must pass two written comprehensive exams and must successfully complete a research paper.

DEGREE REQUIREMENTS

The successful completion of 30 semester hours, including 6 hours of thesis research for the thesis option; and 30 semester hours, including 3 hours of research project for the non-thesis option. Also, the student must have an overall grade point average of 3.0, and successful completion of a thesis or a paper. If the student makes a "D" or "F" in a required course, the course must be retaken. In both cases, a student must complete the required courses and choose one of the two specialization concentrations.

CURRICULUM

All courses offer three semester hours credit.

Thesis

1. Complete 30 SH of graduate-level courses to include 6 SH of course from MTH 6692 or STAT 6621;
2. Maintain a minimum overall 3.0 GPA;
3. Successfully complete and defend a thesis; AND
4. 6 hours of thesis research.

Non-Thesis

1. Complete 30 SH of graduate-level courses to include 3 SH of course from MTH 6625 or STAT 6620;
2. Maintain a minimum overall 3.0 GPA;
3. Pass 2 written comprehensive examinations; AND
4. Successfully complete an approved research paper.

Required Core Courses (9 sh)

MTH 6612	3	Advanced Discrete Mathematics
MTH 6620	3	Advanced Concepts of Algebra
MTH 66333	3	Advanced Linear Algebra

Select One Concentration:

Option 1: Discrete Mathematics and Modeling Concentration

Select three courses from the following (9 sh):

MTH 5520	3	Graph Theory
MTH 6616	3	Mathematical Models
MTH 6624	3	Applied Combinatorics
MTH 6630	3	Design Theory

Select one option below:

Non-Thesis Option (12 sh):

MTH 6625 3 Specialized Study in Area of Mathematics
Select any 3 graduate (5000-6000 level) courses from the following (9 sh): Computer Science, Mathematics, and/or Statistics.

Thesis Option (12 sh):

MTH 6692 3 Research and Thesis
Select any 2 graduate (5000-6000 level) courses from the following (6 sh): Computer Science, Mathematics, and/or Statistics.

Option 2: Statistics Concentration

Required courses (9 sh):

STAT 5551	3	Mathematical Statistics I
STAT 5552	3	Mathematical Statistics II
STAT 5559	3	Regression Analysis

Select one option below:**Non-Thesis Option (12 sh):**

STAT 6620 3 Selected Topics in Probability and Statistics

Select any 3 of the following (9 sh):

STAT 5540 3 Biostatistical Analysis
 STAT 5553 3 Time Series
 STAT 5556 3 Mathematics of Finance
 STAT 5562 3 Advanced Statistical Methods
 STAT 5564 3 Multivariate Analysis
 STAT 5565 3 Categorical Data Analysis
 STAT 5566 3 Data Mining
 STAT 5567 3 Experimental Design
 MTH 6616 3 Mathematical Models
 CS 6640 3 Advanced Database Concepts
 QM 6640 3 Data Analysis for Global Managers
 BA 6662 3 Big Data Analytics and Business Decision Support

Thesis Option (12 sh):

STAT 6621 3 Research and Thesis

Select 2 of the following (6 sh):

STAT 5540 3 Biostatistical Analysis
 STAT 5553 3 Time Series
 STAT 5556 3 Mathematics of Finance
 STAT 5562 3 Advanced Statistical Methods
 STAT 5564 3 Multivariate Analysis
 STAT 5565 3 Categorical Data Analysis
 STAT 5566 3 Data Mining
 STAT 5567 3 Experimental Design
 STAT 6620 3 Selected Topics in Probability and Statistics
 MTH 6616 3 Mathematical Models
 CS 6640 3 Advanced Database Concepts
 QM 6640 3 Data Analysis for Global Managers
 BA 6662 3 Big Data Analytics and Business Decision Support

**Option 3: Mathematical Physics Concentration
(Thesis Option only)****Required courses (21 sh):**

MTH 6640 3 Advanced Concepts of Analysis
 MTH 6613 3 Differential Geometry I
 MTH 6623 3 Differential Geometry II
 PHY 5560 3 Relativity I
 PHY 5578 3 Relativity II
 MTH 6692 3 Research and Thesis

Note: If students have already taken those cross-listed courses in undergraduate study, then they need to choose other advisor-approved graduate courses in either concentration.

MASTER OF SCIENCE IN BIOMEDICAL SCIENCES (MS BMS)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

MISSION

The Master of Science program and certificate in the Biomedical Sciences are designed to achieve the following: 1) to prepare students for future entry into medical and other professional schools in the health sciences and 2) to provide students with advanced knowledge in the biomedical sciences.

Upon completion of the degree program, students will gain a thorough knowledge of biomedical concepts developed through courses that focus on the changing face of medicine and biotechnology. This program will foster strategic and critical thinking, logical analysis, and propose solutions to the challenges of medicine, the allied health sciences, and biotechnology.

The expected program learning outcomes of students enrolled in the Master of Science in the Biomedical Sciences include:

1. Demonstrate a conceptual competence of the basic biomedical sciences.
2. Develop a framework for maintaining technological currency in the biomedical sciences and healthcare.
3. Develop critical thinking skills for applying scientific knowledge in problem-solving.
4. Acquire skills for developing hypotheses, analyzing data, and interpreting and communicating results in the biomedical sciences.
5. Develop written and oral skills for communicating effectively and professionally.
6. Promote ethical standards for all professional activities in the biomedical sciences and healthcare.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree from a regionally accredited college or university. At a minimum, applicants should have successfully completed Genetics (BIO 3320/BIO L320, Human Anatomy and Physiology I, II (BIO 3347/BIO L347, BIO 3348/BIO L348), and Microbiology (BIO 3372/BIO L372).

Other prerequisites include General Physics I, II (PHY 2252/PHY L252, PHY 2253/PHY L253), General Chemistry I, II (CHM 1142/CHM L142, CHM 1143/CHM L143), and Organic Chemistry I, II (CHM 3342/CHM L342, CHM 3343/CHM L343). Students with undergraduate degrees outside of the biological sciences are encouraged to inquire about the program.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letter of Recommendation
- Transcripts

To apply for admission to the Master of Science program in Biomedical Sciences, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s)
3. Official copy of one of the following: GRE (with writing score), GMAT or MCAT, PCAT, OAT, DAT, or equivalent.
4. Two letters of recommendation from professors, physicians, or other appropriate professionals that address the applicant's potential for success in a graduate program; and
5. A 500-word personal statement that addresses the applicant's professional goals, readiness for graduate school, and potential for completing the Master of Science in BMS program.

Unconditional Admission

Applicants may be admitted unconditionally if they meet the following requirements:

1. Applicants who have completed a master's or higher degree from a regionally accredited college or university may be admitted unconditionally. Applicants must submit all materials listed in Admission Requirements for the Master of Science in Biomedical Sciences.
2. Attained a bachelor's degree from a regionally accredited college or university and achieved a minimum of 2.5 GPA in all undergraduate courses.
3. Have an acceptable score on the appropriate entrance exam: GRE 290 (recommended: 150 verbal, 140 quantitative) and GRE writing score. If the student has taken the MCAT (recommended: 487), DAT (recommended: 16), or equivalent professional exam, then this may be substituted for the GRE.

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to a graduate program. See conditional admission requirements in the general regulations section of this Catalog.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

Students admitted conditionally only because of a low test score will be granted unconditional admission at the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted or have retaken the test and received a satisfactory score.

TRANSFER CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the M Master of Science program in Biomedical Sciences and must be approved by the Chair of the Department of Biological and Environmental Sciences. Students who transfer a "core" course will still be held accountable for all material and Troy courses. In addition, transfer students must still successfully complete the comprehensive exam.

DEGREE REQUIREMENTS

1. Unconditional admission.
2. Overall 3.0 GPA in all graduate work completed.
3. No more than two grades in any coursework attempted with a grade of C or below.
4. Completion of the curriculum listed below. A grade of "B" or better is required for BIO 6691 (3) Research Methodology and Experimental Design. If the student makes a "D" or "F" in an elective course, the course may be retaken or another elective taken in its place.
5. For Non-Thesis Option, successful completion of all components of the comprehensive examination.

CURRICULUM (30-31 SH)

The Master of Sciences in Biomedical Sciences is a 30-31 hour non-thesis or thesis-option degree.

- *The University requires that 6000-level courses make up at least 50% of the 30-31 semester hours.*
- *Courses with separate lectures and labs must be taken together.*
- *Please note that 5000-level courses cannot duplicate undergraduate courses that the student has taken as an undergraduate.*
- *Please note that the 6000-level core classes are ONLY offered in a 16-week format during the fall and spring semesters. Summer courses (6000-level) are offered on an 8 week format.*
- *BIO 6691 (3) Research Methodology and Experimental Design requires a grade of "B" or better.*
- *Under the guidance of the student's advisor and the Chair of the Department, the student may pursue original research (independent acquisition and interpretation of data) in a particular area of the biomedical sciences. The completion of a thesis is required.*

Required Core Courses (19 sh)

BMS 6615	3	Medical Microbiology and Immunology
BMS 6625	3	Medical Cell Biology
BMS 6635	3	Medical Physiology
BMS 6655	3	Clinical Biochemistry
BMS 6665	3	Neuroanatomy
BIO 6691	3	Research Methodology and Experimental Design

In addition to these Required Core Classes, students must take additional classes to complete the graduation requirement of 30-31 semester hours.

Elective courses Non-Thesis Option (11-12 sh)

Courses with separate lectures and labs must be taken together.

BIO 5516	3	Microbial Ecology
BIO L516	1	Microbial Ecology Lab
BIO 5551	3	Toxicology
BIO L551	1	Toxicology Lab
BIO 5571	3	Parasitology
BIO L571	1	Parasitology Lab
BIO 5576	1-4	Special Topics
BIO 5580	3	Histology
BIO L580	1	Histology Lab
BIO 5592	1-4	Guided Independent Research
BIO 5594	1-4	Guided Independent Study
BIO 6601	3	Environmental and Biological Ethics
BIO 6621	3	Environmental Toxicology
BIO 6625	1-4	Specialized Study in Biology
BIO 6626		
BIO 6670	1-4	Special Topics
BIO 6671		
BMS 6630	3	Medical Pharmacology
BMS 6665	3	Neuroanatomy
SOC 5560	3	Sociology of Health, Medicine and Illness
BIO 6624	3	Public Health OR
select one (1) of the following:		
PA 6675	3	Public Health Services Administration and Policy
PA 6676	3	Legal and Social Issues in Public Health Administration
PA 6677	3	Public Health Preparedness & Emergency Response

Comprehensive Examination

After the completion of all core courses, Non-Thesis Option students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee. Comprehensive exams will be taken as scheduled by the University and/or Department.

Thesis Option: (30-31 sh)

Required Core Courses	19 sh
Thesis Hours	6 sh
Advisor-approved Electives	5-6 sh
Total	30-31 sh

MASTER OF SCIENCE IN COMPUTER SCIENCE

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science degree in Computer Science prepares students for a professional career in the computer science industry, IT industry, or computer science research. Typical graduates of the program may be employed as software developers, network engineers, database administrators, or further pursue a PhD degree. Objectives of the program are as follows:

1. To provide students with opportunities to refine their skills and core competencies in computer science through the advancement and development of concepts, techniques, and methodologies appropriate in the field.
2. To facilitate the development of advanced skills in an environment that will ensure both a realistic and varied exposure to contemporary information processing problems.
3. To promote the integration and application of cutting edge concepts and approaches in the computer science field.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree in Computer Science or a related field from a regionally accredited four-year college or university.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letters of Recommendation
- Transcripts

Unconditional Admission

1. Hold a bachelor's degree in Computer Science (CS) or a related field from a regionally accredited four-year college or university with a minimum overall undergraduate grade point average of 2.5 (on a 4.0 scale) or a 3.0 grade point average for the last 60 semester hours. All hours attempted in the term in which the 60 semester hours were reached will be used to calculate the grade point average. Official transcripts are required.

2. An acceptable score on the appropriate entrance exam [GRE 294 (920 on the old exam) (verbal plus quantitative)].

Conditional Admission

For those students who cannot satisfy all unconditional admission requirements, conditional admission may be granted under certain circumstances. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students failing to achieve the minimum entrance exam score exam [GRE 294 (920 on the old exam) (verbal plus quantitative)], may satisfy the test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
2. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
3. A student with a bachelor's degree outside the field of CS may satisfy the bachelor's degree requirement by completing ALL of the following courses or their equivalent:

MTH 2215 - Applied Discrete Mathematics

CS 2250 - Computer Science I and

CS 2255- Computer Science II

OR

CS 3360 - Concepts of Object Oriented Programming I

CS 3310 - Foundations of Computer Science

CS 3323 - Data Structures

CS 4445 - Data Communication and Networking

Additional courses may be required by the CS Graduate Advisor depending on the student's background. A student must complete all courses with a grade point average of 3.0.

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun.

TRANSFER OF CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better grade, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the department's graduate program and must be recommended for transfer credit by the Chair of the Department of Computer Science and approved by the Dean of the Graduate School. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

DEGREE OPTIONS

There are two degree options: thesis and non-thesis. In the thesis option, the student must successfully complete and defend a thesis as well as complete other requirements stated below. See Thesis Guidelines for additional information. In the non-thesis option, the student must pass a written comprehensive exam and must successfully complete a research paper.

DEGREE REQUIREMENTS

The successful completion of 33 semester hours, including 6 hours of thesis research for the thesis option and 33 semester hours, including 3 hours of research project for the non-thesis option, with an overall grade point average of 3.0, and successful completion of

a thesis or a paper. If the student makes a "D" or "F" in a core course, the course must be retaken. In both cases, a student must complete the Core Courses and choose one of the several specialization concentrations.

Thesis

1. Complete 33 SH of graduate-level courses to include 6 SH of course CS 6699 and 3 SH of CS 6625;
2. Maintain a minimum overall 3.0 GPA;
3. Successfully complete and defend a thesis; AND
4. 6 hours of thesis research and complete an approved research paper.

Non-Thesis

1. Complete 33 SH of graduate-level courses to include 3 SH of CS 6625;
2. Maintain a minimum overall 3.0 GPA;
3. Pass the written comprehensive examination; AND
4. Complete an approved research paper.

CURRICULUM

All courses offer three semester hours of credit.

Artificial Intelligence Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6615	3	Foundations of Generative AI
CS 6625	3	Specialized Study in Computer Science
CS 6678	3	Advanced Artificial Intelligence
CS 6682	3	Machine Learning

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18 sh)

CS 6615	3	Foundations of Generative AI
CS 6625	3	Specialized Study in Computer Science
CS 6678	3	Advanced Artificial Intelligence
CS 6682	3	Machine Learning
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Bioinformatics Concentration

(Optionally, at least two graduate level courses taken in biology department can be counted towards the degree requirements.)

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6625	3	Specialized Study in Computer Science (3)
CS 6630	3	Introduction to Bioinformatics (3)
CS 6682	3	Machine Learning (3)

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6630	3	Introduction to Bioinformatics
CS 6682	3	Machine Learning
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Computer Network and Security Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (9 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6676	3	Advanced Computer Network

Elective Courses (15 sh)

Select 15 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (15 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6676	3	Advanced Computer Network
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (9 sh)

Select 9 hours of advisor-approved Computer Science graduate courses.

Cyber Security Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6622	3	Introduction to Cyber Security
CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6679	3	Advanced Penetration Testing and Network Defense

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18sh)

CS 6622	3	Introduction to Cyber Security
CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6679	3	Advanced Penetration Testing and Network Defense
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Data Science Concentration**Core Courses (9 sh)**

- CS 5545 3 Computer Architecture
- CS 5549 3 Analysis of Algorithms
- CS 5550 3 Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (12sh)**

- CS 6610 3 Advanced Data Mining
- CS 6625 3 Specialized Study in Computer Science
- CS 6632 3 Computer Vision
- CS 6636 3 Data Visualization and Exploration

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (18 sh)**

- CS 6610 3 Advanced Data Mining
- CS 6625 3 Specialized Study in Computer Science
- CS 6632 3 Computer Vision
- CS 6636 3 Data Visualization and Exploration
- CS 6699 3-6 Research and Thesis (*may be taken multiple times for a total of 6 sh*)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Software Development Concentration**Core Courses (9 sh)**

- CS 5545 3 Computer Architecture
- CS 5549 3 Analysis of Algorithms
- CS 5550 3 Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (9 sh)**

- CS 6625 3 Specialized Study in Computer Science
- CS 6640 3 Advanced Database Concepts
- CS 6680 3 Advanced Software Engineering

Elective Courses (15 sh)

Select 15 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (15 sh)**

- CS 6625 3 Specialized Study in Computer Science
- CS 6640 3 Advanced Database Concepts
- CS 6680 3 Advanced Software Engineering
- CS 6699 3-6 Research and Thesis (*may be taken multiple times for a total of 6 sh*)

Elective Courses (9 sh)

Select 9 hours of advisor-approved Computer Science graduate courses.

Video Game Design Concentration**Core Courses (9 sh)**

- CS 5545 3 Computer Architecture
- CS 5549 3 Analysis of Algorithms
- CS 5550 3 Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (12 sh)**

- CS 6625 3 Specialized Study in Computer Science
- CS 6666 3 Computer Graphics
- CS 6678 3 Advanced Artificial Intelligence
- CS 6681 3 Video Game Design and Development

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (18 sh)**

- CS 6625 3 Specialized Study in Computer Science
- CS 6666 3 Computer Graphics
- CS 6678 3 Advanced Artificial Intelligence
- CS 6681 3 Video Game Design and Development
- CS 6699 3-6 Research and Thesis (*may be taken multiple times for a total of 6 sh*)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

COMPREHENSIVE EXAM

A candidate that chooses the non-thesis option must pass the comprehensive exam before the degree can be awarded. The comprehensive exam should be taken during the students' last semester of course work. The exam format is a written exam covering the basic core courses only. Students must pass all of the 3 sections of the exam.

THESIS/PROJECT PROPOSAL

Students who choose the thesis option must prepare a thesis proposal no later than the second graduate academic semester and must be approved by the thesis proposal committee.

Elective Courses: (12/15 sh)

- CS 6635 3 Image Processing
- CS 6640 3 Advanced Database Concepts
- CS 6643 3 Theory and Design of Compilers
- CS 6646 3 Information Systems for Operations and Management
- CS 6647 3 Simulation and Modeling
- CS 6648 3 Optimization Modeling
- CS 6660 3 Algorithmic Graph Theory
- CS 6664 3 High-performance Computing
- CS 6666 3 Computer Graphic
- CS 6668 3 Network Security
- CS 6670 3 Applied System Analysis and Design

Other Electives (approved by adviser-semester hours vary)

- CS 6625 1-3 Specialized Study in Computer Science *
- CS 6626 1-3 Specialized Study in Computer Science *
- CS 6627 1-3 Specialized Study in Computer Science *
- CS 6649 3 Special Topics in Computer Science
- CS 6699 3-6 Research and Thesis

MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

PURPOSE AND GOALS

The Master of Science Graduate Program in Environmental and Biological Sciences is designed to broaden the student's perspective and provide skills and knowledge for understanding and solving problems in the environmental and biological sciences. The program teaches students the direct and indirect economic, social, and political contributions of the environmental and biological sciences. The program underscores the interdisciplinary and cooperative nature of environmental and biological issues. The program teaches how to manage conflicts and emphasizes the importance of effectively communicating with the private and

public sectors, regulatory agencies, interest groups, and communities. The program objectives are listed below:

1. To demonstrate the pivotal role of the environmental and biological sciences in understanding and addressing environmental, ecological, medical, agricultural, and policy-related issues;
2. To promote the professional development of students for entry and advancement in the private and public sectors as scientists, educators, administrators, or managers;
3. To provide students with the necessary skills for performing research, reviewing and evaluating regulatory guidelines, and writing professional documents;
4. To foster an understanding and appreciation of the role of values and ethics in research, management, and institutional performance;
5. To strengthen the academic foundations of students seeking entry into professional schools and into doctoral programs at graduate schools; and
6. To provide teachers with opportunities for advancement and to broaden and update their knowledge in order to enrich the classroom experience of their students.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree, preferably in a scientific subject area. Candidates should have completed Ecology (BIO 2229/BIO L229) and one junior/senior level (3000/4000) Biology course. Additionally, General Chemistry I, II (CHM 1142/CHM L142, CHM 1143/CHM L143) and Statistics (STAT 22010) are required.

Note: *To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.*

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

Unconditional admission may be granted to students who fulfill the following requirements:

1. Hold a baccalaureate degree from a regionally accredited university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours.
2. Demonstrate an adequate academic background in the sciences that includes natural or biological sciences, general chemistry, and statistics.
3. Have an acceptable score on the appropriate entrance exam [GRE 290 (850 on the old exam) (verbal plus quantitative)].

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to the graduate program. See Conditional Admission requirements in the general regulations section of this catalog. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

Students with academic deficiencies (coursework, GPA, GRE score) may be required to complete additional course work before being granted unconditional admission to the program.

Thesis-Track Admission

Candidates will not be admitted into a thesis-track unless they have identified a thesis research supervisor and that faculty member has agreed to act as that student's thesis advisor. Candidates can apply to a non-thesis track concentration and change to a thesis track concentration after a thesis advisor has been identified. Conditionally accepted students cannot be accepted into a thesis track concentration until they have cleared conditional status.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Department's graduate program and also be approved by the Department Chair. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

Degree Requirements

1. Unconditional Admission
2. Completion of curriculum listed below. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place
3. Successful completion of BIO 6691 with a "B" or better
4. Overall 3.0 GPA
5. Successful completion of the comprehensive examination for non-thesis students or a thesis, including a presentation of a public seminar, for thesis students

A student who successfully completes the requirements listed above will be awarded the Master's degree (M.S.) in Environmental and Biological Sciences.

CURRICULUM

The Master of Science in Environmental and Biological Science degree is offered as a 30 semester hour thesis option, or 36 hour non-thesis option.

Required Core Courses (9 sh)

BIO 6601	3	Environmental and Biological Ethics
BIO 6624	3	Public Health
BIO 6691	3	Research Methodology and Experimental Design

Select one option below:

Non-Thesis Option:

Required Core Classes 9 sh

Advisor-approved electives 27 sh

Total 36 sh

Comprehensive Examination

After the completion of all core courses in the non-thesis option, students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee.

OR

Thesis Option: (30 sh minimum)

The Thesis Option includes:

Required Core Classes 9 sh

Thesis hours (BIO 6695) 6 sh

Advisor-approval electives 15 sh

Total 30 sh

2025-2026

TROY UNIVERSITY
Master of Science in Applied Mathematics
Discrete Mathematics and Modeling Concentration
 Graduate Degree Plan
30 Semester-Hour Program

Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of coursework credit
4. Meet residency requirements
5. Successfully complete/defend a thesis and 6 hours of thesis research or complete/pass 2 written examinations and complete research paper/project.
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credit earned within 8 years of graduation
9. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	ADVANCED TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6612	Advanced Discrete Mathematics	3			
MTH 6620	Advanced Concepts of Algebra	3			
MTH 6633	Advanced Linear Algebra	3			

REQUIRED CONCENTRATION COURSES (9 sh) *Select 3 courses from MTH 5520, MTH 6616, MTH 6624, MTH 6630*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

NON-THESIS OPTION REQUIRED COURSES (12 sh) *See Graduate Catalog for list of approved courses.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6625	Specialized Study in Area of Mathematics	3			
		3			
		3			
		3			

THESIS OPTION REQUIRED COURSES (12 sh) *See Graduate Catalog for list of approved courses.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6692	Research and Thesis	6			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Comprehensive Examination Requirements
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
Master of Science in Applied Mathematics
Mathematical Physics Concentration
 Graduate Degree Plan
30 Semester-Hour Program

Created 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of coursework credit
4. Meet residency requirements
5. Successfully complete/defend a thesis and 6 hours of thesis research
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credit earned within 8 years of graduation
9. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	ADVANCED TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6612	Advanced Discrete Mathematics	3			
MTH 6620	Advanced Concepts of Algebra	3			
MTH 6633	Advanced Linear Algebra	3			

REQUIRED CONCENTRATION COURSES (15 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6613	Differential Geometry I	3			
MTH 6623	Differential Geometry II	3			
MTH 6640	Advanced Concepts of Analysis	3			
PHY 5560	Relativity I	3			
PHY 5578	Relativity II	3			

THESIS OPTION REQUIRED COURSES (6 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
STAT 6621	Research and Thesis	6			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Comprehensive Examination Requirements
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
Master of Science in Applied Mathematics
Statistics Concentration
 Graduate Degree Plan
30 Semester-Hour Program

Revised 1/2025
 Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. Official transcript(s)
2. Unconditional Admission
3. 30 Semester hours of coursework credit
4. Meet residency requirements
5. Successfully complete/defend a thesis and 6 hours of thesis research or complete/pass 2 written examinations and complete research paper/project.
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credit earned within 8 years of graduation
9. Graduation Application filed

REQUIRED CORE COURSES (9 sh)

COURSE NO.	ADVANCED TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 6612	Advanced Discrete Mathematics	3			
MTH 6620	Advanced Concepts of Algebra	3			
MTH 6633	Advanced Linear Algebra	3			

REQUIRED CONCENTRATION COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
STAT 5551	Mathematics Statistics I	3			
STAT 5552	Mathematics Statistics II	3			
STAT 5559	Regression Analysis	3			

NON-THESIS OPTION REQUIRED COURSES (12 sh) See Graduate Catalog for list of approved courses.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
STAT 6620	Selected Topics in Probability and Statistics	3			
		3			
		3			
		3			

THESIS OPTION REQUIRED COURSES (12 sh) See Graduate Catalog for list of approved courses.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
STAT 6621	Research and Thesis	6			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Comprehensive Examination Requirements
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
Master of Science in Environmental &
Biological Sciences
 Graduate Degree Plan
30-36 Semester-Hour Program

TROY Publication 384-324

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, tests scores admitted	7. Overall GPA of 3.0
2. Official transcript(s)	8. Completion of BIO 6691 with a "B" or better
3. Unconditional Admission	9. All credit earned within 8 years of graduation
4. 30-36 Semester hours of credit	10. Successfully complete comprehensive exam or thesis (select one)
5. Meet residency requirements	11. Graduation Application filed
6. No more than two grades below "B"	

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BIO 6601	Environmental and Biological Ethics	3			
BIO 6624	Public Health	3			
BIO 6691	Research Methodology and Experimental Design	3			

NON- THESIS OPTION (27 sh) *See Graduate Catalog for list of approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			
		3			
		3			
		3			
		3			

THESIS OPTION (21 sh) *See Graduate Catalog for list of approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BIO 6695	Thesis Research	6			
		3			
		3			
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Comprehensive Examination Requirements

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
Master of Science in Biomedical Sciences
 Graduate Degree Plan
36 Semester-Hour Program

TROY Publication 384-323

Revised 1/2025

Page 1 of 1

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, tests scores admitted
2. Official transcript(s)
3. Unconditional Admission
4. 30-31 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of BIO 6691 with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis (select one)
11. Graduation Application filed

REQUIRED CORE COURSES (19 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BMS 6615	Medical Microbiology and Immunology	3			
BMS 6625	Medical Cell Biology	3			
BMS 6635	Medical Physiology	3			
BMS 6655	Clinical Biochemistry	3			
BMS 6665	Neuroanatomy	4			
BIO 6691	Research Methodology and Experimental Design	3			

THESIS OPTION (11-12 sh) *Advisor approved electives (5-6 sh). See Graduate Catalog for list of approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BMS 6695	Thesis Research (<i>may be taken multiple times for a total of 6 sh</i>)	6			

NON- THESIS OPTION (11-12 sh) *See Graduate Catalog for list of approved electives.*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Comprehensive Examination Requirements

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Artificial Intelligence Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-256

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6615	Foundations of Generative AI	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			

Non-Thesis Advisor-Approved Electives (12 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6615	Foundations of Generative AI	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			
CS 6699	Research and Thesis	6			

Thesis Advisor-Approved Electives (6 sh) See Graduate Catalog for list of approved Computer Science electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Thesis and Non-Thesis options
☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Bioinformatics Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-256

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6630	Introduction to Bioinformatics	3			
CS 6682	Machine Learning	3			

Non-Thesis Advisor-Approved Electives (15 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (15 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6630	Introduction to Bioinformatics	3			
CS 6682	Machine Learning	3			
CS 6699	Research and Thesis	6			

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MS in Computer Science-BI
 TROY Publication 384-256
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Thesis Advisor-Approved Electives (9 sh) See *Graduate Catalog* for list of approved *Computer Science* electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Thesis and Non-Thesis options
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Computer Network and Security Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-255

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	4			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6674	Network and Information Security	3			
CS 6676	Advanced Computer Network	3			

Non-Thesis Advisor-Approved Electives (15 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (15 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6674	Network and Information Security	3			
CS 6676	Advanced Computer Network	3			
CS 6699	Research and Thesis	6			

2025-2026

MS in Computer Science-CNS
 TROY Publication 384-255
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Thesis Advisor-Approved Electives (9 sh) See *Graduate Catalog* for list of approved *Computer Science* electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Thesis and Non-Thesis options
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Cyber Security Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-256

Revised 1/2025

Page 1of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6622	Introduction to Cyber Security	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6674	Network and Information Security	3			
CS 6679	Advanced Penetration Testing and Network Defense	3			

Non-Thesis Advisor-Approved Electives (12 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6620	Introduction to Cyber Security	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6674	Network and Information Security	3			
CS 6679	Advanced Penetration Testing and Network Defense	3			
CS 6699	Research and Thesis	6			

2025-2026

MS in Computer Science-CS
 TROY Publication 384-256
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Thesis Advisor-Approved Electives (6 sh) See *Graduate Catalog* for list of approved *Computer Science* electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Thesis and Non-Thesis options
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Data Science Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-256

Revised 1/2025

Page 1 of 2

Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6610	Advanced Data Mining	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6632	Computer Vision	3			
CS 6636	Data Visualization and Exploration	3			

Non-Thesis Advisor-Approved Electives (12 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6610	Advanced Data Mining	3			
CS 6625	Specialized Study in Computer Science	3			
CS 6632	Computer Vision	3			
CS 6636	Data Visualization and Exploration	3			
CS 6699	Research and Thesis	6			

Thesis Advisor-Approved Electives (6 sh) See Graduate Catalog for list of approved Computer Science electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Thesis and Non-Thesis options
☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Software Development Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-257

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (9 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6640	Advanced Database Concepts	3			
CS 6680	Advanced Software Engineering	3			

Non-Thesis Advisor-Approved Electives (15 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (15 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6640	Advanced Database Concepts	3			
CS 6680	Advanced Software Engineering	3			
CS 6699	Research and Thesis	6			

2025-2026

MS in Computer Science-SD
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Thesis Advisor-Approved Electives (9 sh) See *Graduate Catalog* for list of approved *Computer Science* electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
- ☐ 2. Temporary, Conditional, and Unconditional Admission
- ☐ 3. Availability of faculty for academic advising
- ☐ 4. Petition for transfer credit once unconditionally admitted
- ☐ 5. Class Attendance
- ☐ 6. Drop and Withdrawal procedures; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Thesis and Non-Thesis options
- ☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

2025-2026

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Video Game Design Concentration
 Graduate Degree Plan
33 Semester-Hour Program

TROY Publication 384-256

Revised 1/2025

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Name: Student ID#: Campus:
 Address: Email:

DEGREE REQUIREMENTS:

1. GRE tests score
2. Official transcript(s)
3. Unconditional Admission
4. 33 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis
11. Graduation Application filed

PREREQUISITE COURSES *Required for students with Bachelor's degree outside the field of Computer Science*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	Computer Science II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students on Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

REQUIRED CORE COURSES (9 sh)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating Systems Principles	3			

NON- THESIS OPTION (24 sh)**Non-Thesis Required Courses (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6666	Computer Graphics	3			
CS 6678	Advanced Artificial Intelligence	3			
CS 6681	Video Game Design and Development	3			

Non-Thesis Advisor-Approved Electives (12 sh) *See Graduate Catalog for list of approved Computer Science electives*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			
		3			
		3			

THESIS OPTION (24 sh)**Thesis Required Courses (15 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6666	Computer Graphics	3			
CS 6678	Advanced Artificial Intelligence	3			
CS 6681	Video Game Design and Development	3			
CS 6699	Research and Thesis	6			

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Thesis Advisor-Approved Electives (6 sh) See *Graduate Catalog* for list of approved *Computer Science* electives

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
		3			
		3			

ITEMS TO BE DISCUSSED:

- ☐ 1. One term limit to have transcript(s) and test score on file
☐ 2. Temporary, Conditional, and Unconditional Admission
☐ 3. Availability of faculty for academic advising
☐ 4. Petition for transfer credit once unconditionally admitted
☐ 5. Class Attendance
☐ 6. Drop and Withdrawal procedures; deadlines and consequences
☐ 7. Petition for an incomplete grade
☐ 8. Student participation in course and program evaluation
☐ 9. Thesis and Non-Thesis options
☐ 10. Other

ADMISSION STATUS:

TYPE	DATE	INITIALS
Unconditional		
Conditional		
Test Scores		
Comps		
Residency		
Requirement for min. UG GPA waived		
Requirement for min. score of GRE waived		

COLLEGE OF SCIENCE AND ENGINEERING

The College of Science and Engineering stands as the cornerstone of research at Troy University, cherishing creativity, inquiry, and understanding as paramount values in human experience. Committed to the pursuit, creation, and dissemination of knowledge, the College offers undergraduate and graduate programs designed to cultivate an enlightened and productive citizenry. Additionally, it provides services and programs that enhance the quality of life for the communities it serves.

The dedication to creativity and unbiased inquiry is rooted in the principles of objective scientific scholarship. The College upholds a responsibility to promote and integrate essential scientific elements into the educational goals of all university departments. It strives for richness through diverse programs and strength through scholarly excellence.

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	Support Sites	Troy Online
Applied Mathematical Sciences						X
Biomedical Science	X					
Computer Science	X					X
Artificial Intelligence Concentration	X					X
Bioinformatics Concentration	X					
Computer Network and Security Concentration	X					X
Cyber Security Concentration	X					X
Data Science Concentration	X					
Software Development Concentration	X					X
Video Game Design	X					X
Environmental and Biological Sciences	X					X

* Please refer to Troy University Admissions for specific program availability by location

^^ Offered as blended program. A blended program combines both online and face-to-face courses in the required program of study.

MASTER OF SCIENCE IN APPLIED MATHEMATICAL SCIENCES

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

MISSION

The Master of Science in Applied Mathematical Sciences prepares students for professional careers or more advanced degrees in mathematics or statistics. Objectives of the program are as follows:

- To provide students with opportunities to refine their skills and core competencies in discrete mathematics and statistics through the advancement and development of

concepts, techniques, and methodologies appropriated in the field.

- To prepare students for work in the fields where a knowledge of mathematics, statistics, algorithms, and computer programming would be highly-valued.
- To facilitate the development of advanced skills in an environment that will ensure both a realistic and varied exposure to contemporary discrete mathematics and statistics problems.
- To promote the integration and application of cutting edge concepts and approaches in the discrete and statistics field.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree in Mathematics, Mathematics Education, Statistics, Physics, Computer Science, or a related field from a regionally-accredited four-year college or university.

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of recommendation
- Transcripts

Unconditional Admission

Hold bachelor's degree in Mathematics, Mathematics Education, Statistics, Physics, Computer Science, or a related field from a regionally-accredited four-year college or university with a minimum overall undergraduate grade point average of 2.5 (on a 4.0 scale) or a 3.0 on grade point average for the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the grade point average. All transcripts from any colleges or universities attended are required.

Conditional Admission

For those students who cannot satisfy all unconditional admission requirements, conditional admission may be granted under certain circumstances. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate MTH or STAT courses with a minimum grade point average of 3.0
2. A student with a bachelor's degree outside the field of Mathematics or Statistics may satisfy the bachelor's degree requirement by completing ALL the following courses or their equivalent:
 - MTH 2220 - Computer Programming for Mathematics
 - MTH 2227 - Calculus III
 - MTH 3318 - Introduction to Advanced Mathematics
 - STAT 2210 - Introductory Statistics
 - MTH 3331 Linear Algebra

Additional courses may be required by the Mathematics and Statistics Graduate Advisor depending on the student's background. A student must complete all courses with a grade point average of 3.0.

Note: To remain eligible for Federal Financial Aid, all undergraduate courses *MUST* be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.

TRANSFER CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the department's graduate program and must be recommended for transfer credit by the Chair of the Department of Mathematics and Statistics and approved by the Dean of the Graduate School. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

DEGREE OPTIONS

There are two degree options: thesis and non-thesis (Mathematical Physics Concentration must choose the thesis option). In the thesis

option, the student must successfully complete and defend a thesis as well as complete other requirements stated below. See Thesis Guidelines for additional information. In the non-thesis option, the student must pass two written comprehensive exams and must successfully complete a research paper.

DEGREE REQUIREMENTS

The successful completion of 30 semester hours, including 6 hours of thesis research for the thesis option; and 30 semester hours, including 3 hours of research project for the non-thesis option. Also, the student must have an overall grade point average of 3.0, and successful completion of a thesis or a paper. If the student makes a "D" or "F" in a required course, the course must be retaken. In both cases, a student must complete the required courses and choose one of the two specialization concentrations.

CURRICULUM

All courses offer three semester hours credit.

Thesis

1. Complete 30 SH of graduate-level courses to include 6 SH of course from MTH 6692 or STAT 6621;
2. Maintain a minimum overall 3.0 GPA;
3. Successfully complete and defend a thesis; AND
4. 6 hours of thesis research.

Non-Thesis

1. Complete 30 SH of graduate-level courses to include 3 SH of course from MTH 6625 or STAT 6620;
2. Maintain a minimum overall 3.0 GPA;
3. Pass 2 written comprehensive examinations; AND
4. Successfully complete an approved research paper.

Required Core Courses (9 sh)

MTH 6612	3	Advanced Discrete Mathematics
MTH 6620	3	Advanced Concepts of Algebra
MTH 66333	3	Advanced Linear Algebra

Select One Concentration:

Option 1: Discrete Mathematics and Modeling Concentration

Select three courses from the following (9 sh):

MTH 5520	3	Graph Theory
MTH 6616	3	Mathematical Models
MTH 6624	3	Applied Combinatorics
MTH 6630	3	Design Theory

Select one option below:

Non-Thesis Option (12 sh):

MTH 6625 3 Specialized Study in Area of Mathematics
Select any 3 graduate (5000-6000 level) courses from the following (9 sh): Computer Science, Mathematics, and/or Statistics.

Thesis Option (12 sh):

MTH 6692 3 Research and Thesis
Select any 2 graduate (5000-6000 level) courses from the following (6 sh): Computer Science, Mathematics, and/or Statistics.

Option 2: Statistics Concentration

Required courses (9 sh):

STAT 5551	3	Mathematical Statistics I
STAT 5552	3	Mathematical Statistics II
STAT 5559	3	Regression Analysis

Select one option below:**Non-Thesis Option (12 sh):**

STAT 6620 3 Selected Topics in Probability and Statistics

Select any 3 of the following (9 sh):

STAT 5540 3 Biostatistical Analysis
 STAT 5553 3 Time Series
 STAT 5556 3 Mathematics of Finance
 STAT 5562 3 Advanced Statistical Methods
 STAT 5564 3 Multivariate Analysis
 STAT 5565 3 Categorical Data Analysis
 STAT 5566 3 Data Mining
 STAT 5567 3 Experimental Design
 MTH 6616 3 Mathematical Models
 CS 6640 3 Advanced Database Concepts
 QM 6640 3 Data Analysis for Global Managers
 BA 6662 3 Big Data Analytics and Business Decision Support

Thesis Option (12 sh):

STAT 6621 3 Research and Thesis

Select 2 of the following (6 sh):

STAT 5540 3 Biostatistical Analysis
 STAT 5553 3 Time Series
 STAT 5556 3 Mathematics of Finance
 STAT 5562 3 Advanced Statistical Methods
 STAT 5564 3 Multivariate Analysis
 STAT 5565 3 Categorical Data Analysis
 STAT 5566 3 Data Mining
 STAT 5567 3 Experimental Design
 STAT 6620 3 Selected Topics in Probability and Statistics
 MTH 6616 3 Mathematical Models
 CS 6640 3 Advanced Database Concepts
 QM 6640 3 Data Analysis for Global Managers
 BA 6662 3 Big Data Analytics and Business Decision Support

**Option 3: Mathematical Physics Concentration
(Thesis Option only)****Required courses (21 sh):**

MTH 6640 3 Advanced Concepts of Analysis
 MTH 6613 3 Differential Geometry I
 MTH 6623 3 Differential Geometry II
 PHY 5560 3 Relativity I
 PHY 5578 3 Relativity II
 MTH 6692 3 Research and Thesis

Note: If students have already taken those cross-listed courses in undergraduate study, then they need to choose other advisor-approved graduate courses in either concentration.

MASTER OF SCIENCE IN BIOMEDICAL SCIENCES (MS BMS)

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

MISSION

The Master of Science program and certificate in the Biomedical Sciences are designed to achieve the following: 1) to prepare students for future entry into medical and other professional schools in the health sciences and 2) to provide students with advanced knowledge in the biomedical sciences.

Upon completion of the degree program, students will gain a thorough knowledge of biomedical concepts developed through courses that focus on the changing face of medicine and biotechnology. This program will foster strategic and critical thinking, logical analysis, and propose solutions to the challenges of medicine, the allied health sciences, and biotechnology.

The expected program learning outcomes of students enrolled in the Master of Science in the Biomedical Sciences include:

1. Demonstrate a conceptual competence of the basic biomedical sciences.
2. Develop a framework for maintaining technological currency in the biomedical sciences and healthcare.
3. Develop critical thinking skills for applying scientific knowledge in problem-solving.
4. Acquire skills for developing hypotheses, analyzing data, and interpreting and communicating results in the biomedical sciences.
5. Develop written and oral skills for communicating effectively and professionally.
6. Promote ethical standards for all professional activities in the biomedical sciences and healthcare.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree from a regionally accredited college or university. At a minimum, applicants should have successfully completed Genetics (BIO 3320/BIO L320, Human Anatomy and Physiology I, II (BIO 3347/BIO L347, BIO 3348/BIO L348), and Microbiology (BIO 3372/BIO L372).

Other prerequisites include General Physics I, II (PHY 2252/PHY L252, PHY 2253/PHY L253), General Chemistry I, II (CHM 1142/CHM L142, CHM 1143/CHM L143), and Organic Chemistry I, II (CHM 3342/CHM L342, CHM 3343/CHM L343). Students with undergraduate degrees outside of the biological sciences are encouraged to inquire about the program.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letter of Recommendation
- Transcripts

To apply for admission to the Master of Science program in Biomedical Sciences, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s)
3. Official copy of one of the following: GRE (with writing score), GMAT or MCAT, PCAT, OAT, DAT, or equivalent.
4. Two letters of recommendation from professors, physicians, or other appropriate professionals that address the applicant's potential for success in a graduate program; and
5. A 500-word personal statement that addresses the applicant's professional goals, readiness for graduate school, and potential for completing the Master of Science in BMS program.

Unconditional Admission

Applicants may be admitted unconditionally if they meet the following requirements:

1. Applicants who have completed a master's or higher degree from a regionally accredited college or university may be admitted unconditionally. Applicants must submit all materials listed in Admission Requirements for the Master of Science in Biomedical Sciences.
2. Attained a bachelor's degree from a regionally accredited college or university and achieved a minimum of 2.5 GPA in all undergraduate courses.
3. Have an acceptable score on the appropriate entrance exam: GRE 290 (recommended: 150 verbal, 140 quantitative) and GRE writing score. If the student has taken the MCAT (recommended: 487), DAT (recommended: 16), or equivalent professional exam, then this may be substituted for the GRE.

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to a graduate program. See conditional admission requirements in the general regulations section of this Catalog.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

Students admitted conditionally only because of a low test score will be granted unconditional admission at the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted or have retaken the test and received a satisfactory score.

TRANSFER CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the M Master of Science program in Biomedical Sciences and must be approved by the Chair of the Department of Biological and Environmental Sciences. Students who transfer a "core" course will still be held accountable for all material and Troy courses. In addition, transfer students must still successfully complete the comprehensive exam.

DEGREE REQUIREMENTS

1. Unconditional admission.
2. Overall 3.0 GPA in all graduate work completed.
3. No more than two grades in any coursework attempted with a grade of C or below.
4. Completion of the curriculum listed below. A grade of "B" or better is required for BIO 6691 (3) Research Methodology and Experimental Design. If the student makes a "D" or "F" in an elective course, the course may be retaken or another elective taken in its place.
5. For Non-Thesis Option, successful completion of all components of the comprehensive examination.

CURRICULUM (30-31 SH)

The Master of Sciences in Biomedical Sciences is a 30-31 hour non-thesis or thesis-option degree.

- *The University requires that 6000-level courses make up at least 50% of the 30-31 semester hours.*
- *Courses with separate lectures and labs must be taken together.*
- *Please note that 5000-level courses cannot duplicate undergraduate courses that the student has taken as an undergraduate.*
- *Please note that the 6000-level core classes are ONLY offered in a 16-week format during the fall and spring semesters. Summer courses (6000-level) are offered on an 8 week format.*
- *BIO 6691 (3) Research Methodology and Experimental Design requires a grade of "B" or better.*
- *Under the guidance of the student's advisor and the Chair of the Department, the student may pursue original research (independent acquisition and interpretation of data) in a particular area of the biomedical sciences. The completion of a thesis is required.*

Required Core Courses (19 sh)

BMS 6615	3	Medical Microbiology and Immunology
BMS 6625	3	Medical Cell Biology
BMS 6635	3	Medical Physiology
BMS 6655	3	Clinical Biochemistry
BMS 6665	3	Neuroanatomy
BIO 6691	3	Research Methodology and Experimental Design

In addition to these Required Core Classes, students must take additional classes to complete the graduation requirement of 30-31 semester hours.

Elective courses Non-Thesis Option (11-12 sh)

Courses with separate lectures and labs must be taken together.

BIO 5516	3	Microbial Ecology
BIO L516	1	Microbial Ecology Lab
BIO 5551	3	Toxicology
BIO L551	1	Toxicology Lab
BIO 5571	3	Parasitology
BIO L571	1	Parasitology Lab
BIO 5576	1-4	Special Topics
BIO 5580	3	Histology
BIO L580	1	Histology Lab
BIO 5592	1-4	Guided Independent Research
BIO 5594	1-4	Guided Independent Study
BIO 6601	3	Environmental and Biological Ethics
BIO 6621	3	Environmental Toxicology
BIO 6625	1-4	Specialized Study in Biology
BIO 6626		
BIO 6670	1-4	Special Topics
BIO 6671		
BMS 6630	3	Medical Pharmacology
BMS 6665	3	Neuroanatomy
SOC 5560	3	Sociology of Health, Medicine and Illness
BIO 6624	3	Public Health OR
select one (1) of the following:		
PA 6675	3	Public Health Services Administration and Policy
PA 6676	3	Legal and Social Issues in Public Health Administration
PA 6677	3	Public Health Preparedness & Emergency Response

Comprehensive Examination

After the completion of all core courses, Non-Thesis Option students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee. Comprehensive exams will be taken as scheduled by the University and/or Department.

Thesis Option: (30-31 sh)

Required Core Courses	19 sh
Thesis Hours	6 sh
Advisor-approved Electives	5-6 sh
Total	30-31 sh

MASTER OF SCIENCE IN COMPUTER SCIENCE

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

The Master of Science degree in Computer Science prepares students for a professional career in the computer science industry, IT industry, or computer science research. Typical graduates of the program may be employed as software developers, network engineers, database administrators, or further pursue a PhD degree. Objectives of the program are as follows:

1. To provide students with opportunities to refine their skills and core competencies in computer science through the advancement and development of concepts, techniques, and methodologies appropriate in the field.
2. To facilitate the development of advanced skills in an environment that will ensure both a realistic and varied exposure to contemporary information processing problems.
3. To promote the integration and application of cutting edge concepts and approaches in the computer science field.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree in Computer Science or a related field from a regionally accredited four-year college or university.

ADMISSION REQUIREMENTS**Documents required for application:**

- Letters of Recommendation
- Transcripts

Unconditional Admission

1. Hold a bachelor's degree in Computer Science (CS) or a related field from a regionally accredited four-year college or university with a minimum overall undergraduate grade point average of 2.5 (on a 4.0 scale) or a 3.0 grade point average for the last 60 semester hours. All hours attempted in the term in which the 60 semester hours were reached will be used to calculate the grade point average. Official transcripts are required.

2. An acceptable score on the appropriate entrance exam [GRE 294 (920 on the old exam) (verbal plus quantitative)].

Conditional Admission

For those students who cannot satisfy all unconditional admission requirements, conditional admission may be granted under certain circumstances. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students failing to achieve the minimum entrance exam score exam [GRE 294 (920 on the old exam) (verbal plus quantitative)], may satisfy the test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
2. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
3. A student with a bachelor's degree outside the field of CS may satisfy the bachelor's degree requirement by completing ALL of the following courses or their equivalent:

MTH 2215 - Applied Discrete Mathematics

CS 2250 - Computer Science I and

CS 2255- Computer Science II

OR

CS 3360 - Concepts of Object Oriented Programming I

CS 3310 - Foundations of Computer Science

CS 3323 - Data Structures

CS 4445 - Data Communication and Networking

Additional courses may be required by the CS Graduate Advisor depending on the student's background. A student must complete all courses with a grade point average of 3.0.

Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun.

TRANSFER OF CREDIT

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better grade, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the department's graduate program and must be recommended for transfer credit by the Chair of the Department of Computer Science and approved by the Dean of the Graduate School. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

DEGREE OPTIONS

There are two degree options: thesis and non-thesis. In the thesis option, the student must successfully complete and defend a thesis as well as complete other requirements stated below. See Thesis Guidelines for additional information. In the non-thesis option, the student must pass a written comprehensive exam and must successfully complete a research paper.

DEGREE REQUIREMENTS

The successful completion of 33 semester hours, including 6 hours of thesis research for the thesis option and 33 semester hours, including 3 hours of research project for the non-thesis option, with an overall grade point average of 3.0, and successful completion of

a thesis or a paper. If the student makes a "D" or "F" in a core course, the course must be retaken. In both cases, a student must complete the Core Courses and choose one of the several specialization concentrations.

Thesis

1. Complete 33 SH of graduate-level courses to include 6 SH of course CS 6699 and 3 SH of CS 6625;
2. Maintain a minimum overall 3.0 GPA;
3. Successfully complete and defend a thesis; AND
4. 6 hours of thesis research and complete an approved research paper.

Non-Thesis

1. Complete 33 SH of graduate-level courses to include 3 SH of CS 6625;
2. Maintain a minimum overall 3.0 GPA;
3. Pass the written comprehensive examination; AND
4. Complete an approved research paper.

CURRICULUM

All courses offer three semester hours of credit.

Artificial Intelligence Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6615	3	Foundations of Generative AI
CS 6625	3	Specialized Study in Computer Science
CS 6678	3	Advanced Artificial Intelligence
CS 6682	3	Machine Learning

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18 sh)

CS 6615	3	Foundations of Generative AI
CS 6625	3	Specialized Study in Computer Science
CS 6678	3	Advanced Artificial Intelligence
CS 6682	3	Machine Learning
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Bioinformatics Concentration

(Optionally, at least two graduate level courses taken in biology department can be counted towards the degree requirements.)

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6625	3	Specialized Study in Computer Science (3)
CS 6630	3	Introduction to Bioinformatics (3)
CS 6682	3	Machine Learning (3)

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6630	3	Introduction to Bioinformatics
CS 6682	3	Machine Learning
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Computer Network and Security Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (9 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6676	3	Advanced Computer Network

Elective Courses (15 sh)

Select 15 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (15 sh)

CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6676	3	Advanced Computer Network
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (9 sh)

Select 9 hours of advisor-approved Computer Science graduate courses.

Cyber Security Concentration

Core Courses (9 sh)

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (12 sh)

CS 6622	3	Introduction to Cyber Security
CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6679	3	Advanced Penetration Testing and Network Defense

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)

Required Courses: (18sh)

CS 6622	3	Introduction to Cyber Security
CS 6625	3	Specialized Study in Computer Science
CS 6674	3	Network and Information Security
CS 6679	3	Advanced Penetration Testing and Network Defense
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Data Science Concentration**Core Courses (9 sh)**

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (12sh)**

CS 6610	3	Advanced Data Mining
CS 6625	3	Specialized Study in Computer Science
CS 6632	3	Computer Vision
CS 6636	3	Data Visualization and Exploration

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (18 sh)**

CS 6610	3	Advanced Data Mining
CS 6625	3	Specialized Study in Computer Science
CS 6632	3	Computer Vision
CS 6636	3	Data Visualization and Exploration
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

Software Development Concentration**Core Courses (9 sh)**

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (9 sh)**

CS 6625	3	Specialized Study in Computer Science
CS 6640	3	Advanced Database Concepts
CS 6680	3	Advanced Software Engineering

Elective Courses (15 sh)

Select 15 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (15 sh)**

CS 6625	3	Specialized Study in Computer Science
CS 6640	3	Advanced Database Concepts
CS 6680	3	Advanced Software Engineering
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (9 sh)

Select 9 hours of advisor-approved Computer Science graduate courses.

Video Game Design Concentration**Core Courses (9 sh)**

CS 5545	3	Computer Architecture
CS 5549	3	Analysis of Algorithms
CS 5550	3	Operating Systems Principles

Select one option below:**Non-Thesis Option: (24 sh)****Required Courses: (12 sh)**

CS 6625	3	Specialized Study in Computer Science
CS 6666	3	Computer Graphics
CS 6678	3	Advanced Artificial Intelligence
CS 6681	3	Video Game Design and Development

Elective Courses (12 sh)

Select 12 hours of advisor-approved Computer Science graduate courses.

Thesis Option: (24 sh)**Required Courses: (18 sh)**

CS 6625	3	Specialized Study in Computer Science
CS 6666	3	Computer Graphics
CS 6678	3	Advanced Artificial Intelligence
CS 6681	3	Video Game Design and Development
CS 6699	3-6	Research and Thesis (<i>may be taken multiple times for a total of 6 sh</i>)

Elective Courses (6 sh)

Select 6 hours of advisor-approved Computer Science graduate courses.

COMPREHENSIVE EXAM

A candidate that chooses the non-thesis option must pass the comprehensive exam before the degree can be awarded. The comprehensive exam should be taken during the students' last semester of course work. The exam format is a written exam covering the basic core courses only. Students must pass all of the 3 sections of the exam.

THESIS/PROJECT PROPOSAL

Students who choose the thesis option must prepare a thesis proposal no later than the second graduate academic semester and must be approved by the thesis proposal committee.

Elective Courses: (12/15 sh)

CS 6635	3	Image Processing
CS 6640	3	Advanced Database Concepts
CS 6643	3	Theory and Design of Compilers
CS 6646	3	Information Systems for Operations and Management
CS 6647	3	Simulation and Modeling
CS 6648	3	Optimization Modeling
CS 6660	3	Algorithmic Graph Theory
CS 6664	3	High-performance Computing
CS 6666	3	Computer Graphic
CS 6668	3	Network Security
CS 6670	3	Applied System Analysis and Design

Other Electives (approved by adviser-semester hours vary)

CS 6625	1-3	Specialized Study in Computer Science *
CS 6626	1-3	Specialized Study in Computer Science *
CS 6627	1-3	Specialized Study in Computer Science *
CS 6649	3	Special Topics in Computer Science
CS 6699	3-6	Research and Thesis

MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

Students should consult the General Regulations section of the Graduate Catalog for additional information regarding Graduate School admission requirements, transfer credit, and other critical policies and procedures.

PURPOSE AND GOALS

The Master of Science Graduate Program in Environmental and Biological Sciences is designed to broaden the student's perspective and provide skills and knowledge for understanding and solving problems in the environmental and biological sciences. The program teaches students the direct and indirect economic, social, and political contributions of the environmental and biological sciences. The program underscores the interdisciplinary and cooperative nature of environmental and biological issues. The program teaches how to manage conflicts and emphasizes the importance of effectively communicating with the private and

public sectors, regulatory agencies, interest groups, and communities. The program objectives are listed below:

1. To demonstrate the pivotal role of the environmental and biological sciences in understanding and addressing environmental, ecological, medical, agricultural, and policy-related issues;
2. To promote the professional development of students for entry and advancement in the private and public sectors as scientists, educators, administrators, or managers;
3. To provide students with the necessary skills for performing research, reviewing and evaluating regulatory guidelines, and writing professional documents;
4. To foster an understanding and appreciation of the role of values and ethics in research, management, and institutional performance;
5. To strengthen the academic foundations of students seeking entry into professional schools and into doctoral programs at graduate schools; and
6. To provide teachers with opportunities for advancement and to broaden and update their knowledge in order to enrich the classroom experience of their students.

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree, preferably in a scientific subject area. Candidates should have completed Ecology (BIO 2229/BIO L229) and one junior/senior level (3000/4000) Biology course. Additionally, General Chemistry I, II (CHM 1142/CHM L142, CHM 1143/CHM L143) and Statistics (STAT 22010) are required.

Note: *To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.*

ADMISSION REQUIREMENTS

Documents required for application:

- Letter of Recommendation
- Transcripts

Unconditional Admission

Unconditional admission may be granted to students who fulfill the following requirements:

1. Hold a baccalaureate degree from a regionally accredited university with a minimum overall undergraduate grade point average of 2.5 (4.0 scale) or a 3.0 grade point average on the last 30 semester hours.
2. Demonstrate an adequate academic background in the sciences that includes natural or biological sciences, general chemistry, and statistics.
3. Have an acceptable score on the appropriate entrance exam [GRE 290 (850 on the old exam) (verbal plus quantitative)].

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to the graduate program. See Conditional Admission requirements in the general regulations section of this catalog. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

Students admitted conditionally only because of a low undergraduate grade point average will be cleared of their conditional status if, at the completion of nine semester hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted. Students must clear the conditional admission requirement of a 3.0 average at the completion of nine semester hours, or they will be dropped from the graduate program for one calendar year after which they may petition the Dean of the Graduate School to re-enter.

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

Students with academic deficiencies (coursework, GPA, GRE score) may be required to complete additional course work before being granted unconditional admission to the program.

Thesis-Track Admission

Candidates will not be admitted into a thesis-track unless they have identified a thesis research supervisor and that faculty member has agreed to act as that student's thesis advisor. Candidates can apply to a non-thesis track concentration and change to a thesis track concentration after a thesis advisor has been identified. Conditionally accepted students cannot be accepted into a thesis track concentration until they have cleared conditional status.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Department's graduate program and also be approved by the Department Chair. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

Degree Requirements

1. Unconditional Admission
2. Completion of curriculum listed below. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place
3. Successful completion of BIO 6691 with a "B" or better
4. Overall 3.0 GPA
5. Successful completion of the comprehensive examination for non-thesis students or a thesis, including a presentation of a public seminar, for thesis students

A student who successfully completes the requirements listed above will be awarded the Master's degree (M.S.) in Environmental and Biological Sciences.

CURRICULUM

The Master of Science in Environmental and Biological Science degree is offered as a 30 semester hour thesis option, or 36 hour non-thesis option.

Required Core Courses (9 sh)

BIO 6601	3	Environmental and Biological Ethics
BIO 6624	3	Public Health
BIO 6691	3	Research Methodology and Experimental Design

Select one option below:

Non-Thesis Option:

Required Core Classes 9 sh

Advisor-approved electives 27 sh

Total 36 sh

Comprehensive Examination

After the completion of all core courses in the non-thesis option, students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee.

OR

Thesis Option: (30 sh minimum)

The Thesis Option includes:

Required Core Classes 9 sh

Thesis hours (BIO 6695) 6 sh

Advisor-approval electives 15 sh

Total 30 sh

COURSE DESCRIPTIONS

ACCOUNTING

- ACT 6625 Specialized Study in the Area of Accounting (1-3)**
Study of problem or problems using research techniques Selection of the problem must be approved by the student's adviser, instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business and accounting foundation courses or equivalent.*
- ACT 6626 Specialized Study in the Area of Accounting (1-3)**
Study of problem or problems using research techniques Selection of the problem must be approved by the student's adviser, instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business and accounting foundation courses or equivalent.*
- ACT 6627 Specialized Study in the Area of Accounting (1-3)**
Study of problem or problems using research techniques Selection of the problem must be approved by the student's adviser, instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business and accounting foundation courses or equivalent.*
- ACT 6630 Accounting Applications I (3)**
This course merges academic theory with practical work experience, allowing students to earn credit through professional engagements in the accounting field. It aims to enhance practical accounting skills and understanding through direct application in real-world settings, fostering professional growth and readiness. *Prerequisite(s): Admission to the MAcc Program and Permission of the MAcc Advisor/Director.*

- ACT 6631 Accounting Applications II (3)**
This course combines academic theory with practical work experience, enabling students to earn credit through advanced professional engagements in the accounting field. It aims to deepen practical accounting skills and understanding through the application of complex concepts in real-world scenarios, fostering enhanced professional growth and readiness. *Prerequisite(s): Admission to the MAcc Program and Permission of the MAcc Advisor/Director.*
- ACT 6632 Corporate Financial Reporting (3)**
A study of corporate financial accounting topics, including income and expense recognition, recording of assets and liabilities, and financial statement presentation.
- ACT 6651 Accounting Systems and Controls (3)**
An advanced study of accounting information systems concepts, applications, and how those systems support management decision-making. The course will provide students opportunities to relate problems encountered in management decision making to the analysis, design, and implementation of accounting systems. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*
- ACT 6652 Financial Accounting Research (3)**
An individual study of specific accounting topics utilizing the accounting authoritative literature and written and oral communication of the results of the research. A grade of "B" or better is required. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*
- ACT 6653 Advanced Financial Reporting & Analysis (3)**
A study of advanced financial accounting topics from a practical perspective with emphasis on relevant pronouncements by professional organizations and governmental agencies. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*
- ACT 6654 Advanced Auditing and Assurance Services (3)**
A study of advanced auditing theory, standards, practices and problems encountered in the practice of public accounting. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*
- ACT 6655 Advanced Management Accounting (3)**
A study of accounting as related to making decisions. Course will include readings, cases, and problems dealing with managerial accounting issues, accounting concepts, budgeting and cost control using accounting information in planning and control. *Prere-*

quisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.

ACT 6656 Professional Certification I (3)

A certification review course. This course requires co-enrollment in an independent professional certification review course designated by the School of Accountancy. Verification of enrollment is required. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*

ACT 6657 Professional Certification II (3)

A certification review course. This course requires co-enrollment in an independent professional certification review course designated by the School of Accountancy. Verification of enrollment is required. *Prerequisite(s): Admission to Master of Accountancy degree program and completion of all MAcc foundation and accounting prerequisites.*

ACT 6684 Federal Tax Research (3)

A study of how to identify federal tax issues, locate the applicable tax authorities, evaluate the weight of the authorities, reach conclusions, and communicate the results of the research. *Prerequisite(s): Admission to the Master of Accountancy degree program and completion of all MAcc accounting prerequisites.*

ACT 6691 Financial and Managerial Accounting for the Global Manager (3)

A study of sources and classifications of accounting data, classification and behavior of revenues and costs, use of accounting data for profit planning and cost control, and use of accounting data for special analysis. *Prerequisite(s): Graduate standing, acceptance into the MBA program and all undergraduate business courses or equivalents completed.*

ACT 6692 Advanced Accounting Problems (3)

A consideration of problems relating to pension plans, long-term leasing arrangements, refunding of bonds payable, stock options, allocation of income taxes, changing price levels, cash flow statements, and other financial accounting topics with emphasis on relevant pronouncements by professional organizations and governmental agencies. *Prerequisite(s): All business foundation courses or equivalent and ACT 3391, ACT 3392, ACT 3394, ACT 3396, ACT 4494, ACT 4495, and ACT 4497.*

ACT 6695 Accounting Research & Communication (3)

An individual study of specific accounting topics and written and oral communication of the results of the study. A grade of "B" or better is required. *Prerequisite(s): All business foundation courses or equivalent and ACT 3391, ACT 3392, ACT 3394, ACT 3396, ACT 4494, ACT 4495, and ACT 4497.*

ACT 6696 Accounting Information Systems (3)

An advanced study of accounting information systems concepts and applications. Case studies will provide the students an opportunity to relate systems concepts to the actual problems encountered in the analysis, design, implementation, and utilization of

computer based information systems. *Prerequisite(s): All business foundation courses or equivalent and ACT 3391, ACT 3392, ACT 3394, ACT 3396, ACT 4494, ACT 4495, and ACT 4497.*

ACT 6698 Advanced Auditing (3)

A study of advanced auditing theory, practice and problems encountered in the practice of public accounting. *Prerequisite(s): All business foundation courses or equivalent and ACT 3391, ACT 3392, ACT 3394, ACT 3396, ACT 4494, ACT 4495, and ACT 4497.*

ACT 6699 Contemporary Issues in Accounting (3)

A study of accounting issues and an analysis of how accounting practice is influenced by regulatory agencies, economic conditions, and professional accounting organizations. *Prerequisite(s): Admission to the Master of Accountancy program.*

ARTIFICIAL INTELLIGENCE

AI 6600 Machine Learning and AI (3)

An introduction to the history of machine intelligence; the difference between programming, rules-based systems, and machine learning; disruption; biases in machine intelligence systems; sound approached to model selection; and the challenges of rapid change. Hands-on models to be covered will include classification and predictive (regression) algorithms, optimization, clustering, supervised and unsupervised learning, and simple neural networks. Includes use of Generative AI models to assess salient journal publications, aid with code changes and error fixes, and for increased learning productivity.

AI 6610 Machine Intelligence Platforms (3)

Hardware required for effective machine intelligence in research and production environments, GPUs, local environments, cloud-based solutions, the Linux OS, Python, structured data, unstructured data, and blockchain methodologies as applied to machine intelligence. Use of computer lab for exercises in the various techniques to leverage off-the-shelf and cloud-based technologies for maximizing investment included.

AI 6620 Data Visualization and Communication (3)

Using large-data analytics tools to develop visual representations of high-dimensionality data and to communicate results, predictive, and prescriptive data to management and decision makers. Theory of various visualization techniques, identifying and correcting misleading visuals, documenting and communicating results. Will use MS PowerBI as a platform for exercises.

AI 6630 Generative AI (3)

Techniques of text processing and working with unstructured data, comparing textual passages, mining data from disparate sources, combining unstructured and structured data to sharpen understanding for predictions and to resolve apparent conflicts in sentiment. Large Language Models to include techniques such as LangChain and similar frameworks. Covers Generative Question-Answering (GOA) and Gene-

native Pre-trained Transformers (GPT). A continued study of deep learning extending to transformers, attention blocks, and the LLM framework. Will include lab work in NLP and structured/unstructured data exercises including examples such as web scraping, customer qualitative and quantitative surveys, buyer sentiment analysis, deploying GPTs, and LLMs. *Prerequisite(s): AI 6640*

AI 6640 Deep Learning (3)

Feed-forward deep learning neural networks, back-propagation, the mathematics of deep learning, Convolutional Neural Networks (CNN), Recurrent Neural Networks, and Bayesian Neural Networks. Will include exercises using various deep learning models such as facial, image, and hand-written digits recognition, financial and investment decisions, make or buy binary decisions, and analysis of customer groups. *Prerequisite(s): AI 6600*

AI 6650 AI Project Management Low Code/No Code (3)

Using Agile PM techniques to deploy AI projects, whether operational or as products, to assure targeted results and flexibility to meet new demands or constraints. A focus will be on providing AI tools to non-technical employees and organizational stakeholders. Will use low-code/and no-code environments as exercises to manage and complete projects while rapidly deploying prototypes and applications for business users. Will employ hands-on exercises in a laboratory including Agile PM software and a low/no-code environment. *Prerequisite(s): AI 6600*

ADULT EDUCATION

ADE 5560 Instructional Systems Development (3)

This course emphasizes systematically developed course design. Special attention is given to learning and instructional systems theory.

ADE 6600 Foundations of Adult Education (3)

An overview of adult education to give an understanding of characteristics of adults as learners as well as the history, philosophy, and nature of adult education. Includes exposure to fundamental adult education concepts such as lifelong learning, self-directed learning, and contract learning.

ADE 6605 Computer Based Instructional Technologies (3)

This graduate level advanced survey course is designed to prepare students to use classroom adaptable technologies. Emphasis is given to historical and social context, computer systems, software, hardware, and curriculum adaptation.

ADE 6606 Current and Emerging Instructional Technologies (3)

This course focuses on current and emerging instructional technologies. The emphasis of this class is on the instructional use of production software, desktop publishing, graphics, hypermedia, online services, optical technology, and telecommunications.

ADE 6608 Curriculum Integration of Technology (3)

The purpose of this course is to prepare students to apply knowledge and competency in instructional

technologies in relation to curriculum design, diverse models, and teaching situations at all developmental levels. Included is evaluation of software, audio/visual production, and instructional design using technology as a basis for instruction.

ADE 6610 Workforce Development and Training (3)

This course will explore the differences in personnel training and workforce development. It will provide an exploration of the scope, values, and purposes of the field of Workforce Development. The course will address theories and application of adult training.

ADE 6612 Workforce Management and Organizational Development (3)

This course provides an introduction to the field of Workforce Management and Organizational Development (WMOD). It examines basic concepts and principles of human performance, the theoretical underpinnings of the field, research and application literature, and various approaches to solving human performance problems. A systematic approach to the analysis, design, development, implementation, and evaluation of performance improvement interventions within organizations is emphasized.

ADE 6617 Seminar in Personnel Planning and Leadership (3)

This course focuses specifically on an understanding of how leadership is distributed among leaders (formal and informal) and followers within an organization. Special emphasis will be given to building leadership capacity with an organization.

ADE 6620 Seminar in Communication and Human Relations (3)

An investigation of literature and research related to verbal and nonverbal communication, listening, and human relations appropriate to adult education.

ADE 6630 Programs for Adult Education (3)

A study of current concepts and objectives of adult education programs, courses and activities. Includes study of adult education programs and agencies serving diverse adult learners.

ADE 6640 Social Context of Adult Education (3)

This course examines the social context of adult education in terms of the impact of social, political, economic, global, and technological changes. Special emphasis will be given to the analysis of trends and issues, synthesis of complex concepts, and development of reflective practice.

ADE 6641 Organizational Behavior and Group Dynamics (3)

An overview of paradigms, theories, models, and constructs of organizational cultures designed to provide students with an understanding of group dynamics within organizations.

ADE 6645 Power, Politics and Organizational Change (3)

This course is designed for participants to understand the interwoven intricacies between the different forces within an organization and how to maneuver and persuade organizational outcomes.

ADE 6653 Educational Evaluation (3)

This course is designed to assist participants with the development of knowledge and skills that can be applied to successful student outcomes assessment and curriculum program evaluation. Specifically, the course will focus on planning and constructing teacher made tests and performance assessments. In addition, the course includes the study of basic models and approaches used in evaluating curriculum/programs for effectiveness.

ADE 6670 Adult Learning and Development (3)

This course is a study of the distinctive characteristics of adult development and the implications for adult learning. Emphasis will be given to the understanding of philosophical orientations related to the nature of adult learners and their learning processes; principles of motivation and effective facilitation geared toward adult learners; and social and cultural influences on adult learning.

ADE 6674 Methods and Strategies for Teaching Adults (3)

A study of methods and formats used in organizing educational materials for adult learners. Emphasis is given to designing effective instruction which matches methods and strategies to educational demands.

ADE 6680 Curriculum Development for Adult Education (3)

A study of concepts, learning theories, materials, and media related to curriculum and program development in adult education.

ADE 6691 Research Methodology (3)

The study and evaluation of research methods commonly used in the social sciences. The course will provide information necessary to understand and apply research processes, synthesize knowledge and writing, and plan and organize research problems for interpretation and application of research results. Application of these skills in the form of a written project using the Publication Manual of the American Psychological Association (APA) is required. A grade of "B" or better is required.

ADE 6694 Special Problems in Adult Education (1-3)

A study of problem or problems using research techniques. Selection of problem to be approved by student's adviser and instructor under whom study is to be made. Study should contribute to student's program. Preparation of scholarly paper or project required and may involve oral defense.

ADE 6695 Thesis (1-6)

The thesis must be related to both the student's concentration area and adult education. Information regarding thesis guidelines and requirements may be obtained from the Graduate School office. *Grading system is Pass/Fail.*

ADE 6696 Practicum in Adult Education (1-3)

Supervised experiences related to instruction in area of specialization. Emphasis on application of skills, concepts, and principles acquired in previous courses. *Grading system is Pass/Fail. Prerequisite(s): Completion of coursework and approval of adviser are required.*

site(s): Completion of coursework and approval of adviser are required.

ADE 6697 Practicum in Adult Education (1-3)

Supervised experiences related to instruction in area of specialization. Emphasis on application of skills, concepts, and principles acquired in previous courses. *Grading system is Pass/Fail. Prerequisite(s): Completion of coursework and approval of adviser are required.*

ADE 6698 Practicum in Adult Education (1-3)

Supervised experiences related to instruction in area of specialization. Emphasis on application of skills, concepts, and principles acquired in previous courses. *Grading system is Pass/Fail. Prerequisite(s): Completion of coursework and approval of adviser are required.*

ADE 6699 Capstone (3)

This course is a culminating experience that helps students integrate and apply the knowledge they have gained in their program. Emphasis is placed on challenging students to view the adult educational process from many perspectives. Working independently students will create a capstone project to demonstrate mastery of program objectives and proof of readiness to receive a master's degree, which will be submitted in portions throughout the term/semester for feedback from the instructor and classmates. An oral presentation will be required. A second option for Capstone is the completion of an internship in the student's field of interest. The internship must be approved by the Capstone instructor. *Grading system is Pass/Fail. Prerequisite(s): Completion of all core (ADE 6600, ADE 6640, ADE 6670, ADE 6691) and at least four of the six required concentration classes. Students must obtain a 3.0 GPA before entering ADE 6699.*

ANTHROPOLOGY

ANT 6620 The Rise and Fall of Complex Societies (3)

This course is a survey of the world's earliest complex societies and the legacy they left behind. Taught from the perspective of anthropological archaeology, the course will cover the basics of method and theory necessary to interpret the evidence of humanity's transition from a hunting and gathering life to sedentary life. This class compares the rise of complex societies in Americas, Africa, the Middle East, the Indian subcontinent, and East Asia. Evidence and theories put forth to explain the rise and collapse of different civilizations and how this knowledge can be used to both document the past and better understand contemporary life.

ANT 6625 Specialized Study in Anthropology (3)

This course provides the student an opportunity to pursue in-depth study on a topic or issue of personal interest under the guidance and direction of a department faculty member. May be repeated up to a total of six credit hours. See semester hour limits listed under General Regulations section.

ANT 6627 Anthropology of Sex and Gender (3)

This course offers a cross-cultural and anthropological approach to a study of gender and sex. The course will explore some of the main questions that have concerned anthropologists over the years, such as the concept of sex versus the concept of gender, the theoretical debate about the status of women, and the gendering of work and social relations. The course will also cover the relationship between the body, sex, and gender; the historical roots of Western notions of the sexed body, third or alternative genders, and the intersections between gender, race, class, and ethnicity.

ANT 6630 Anthropological Perspectives of Religion (3)

This course introduces students to cross-cultural and anthropological approaches to the study of religion. The course will explore multiple religious beliefs, meanings, experiences, expressions, and practices across diverse environments. Through an engagement with anthropological works on topics such as ritual, sacrifice, and death, the course will cover how religion is understood, experienced, and expressed across the globe. By the end of this course, you will have the theoretical knowledge and analytical tools needed to critically examine dimensions of the religion and situate them within historical and global context.

ANT 6633 Food Justice (3)

This seminar studies the vibrant and growing range of social movements around food and agriculture. We will begin by examining several theoretical and conceptual frameworks for understanding historical changes and current dynamics in the international food and agriculture system. We will then examine different positions in fraught debates around population growth, hunger, and the appropriate role of biotechnology and agribusiness relative to low input, peasant agriculture in feeding a growing global population. The remainder of the course will examine several case studies of social movements around land, food, and agriculture. We'll end the term with a look at emerging paradigms and alternative models, and examine dynamic current debates around food sovereignty and food justice.

ANT 6635 Ethnographic Methods (3)

This course will explore the various methods used by cultural anthropologists to collect and evaluate ethnographic data.

ANT 6640 Forensic Anthropology (3)

This course is a broad overview of forensic anthropology, the application of the science of physical anthropology to the legal process. Students will learn the techniques used by forensic anthropologists to identify human remains, both skeletal and decomposed. Topics include the determination of age, sex, ancestry, stature, and unique features of a decedent from the skeleton and how these are used to establish a positive identification. An overview of trauma and other pathological conditions of the skeleton show how forensic anthropologists can provide information to help determine the cause and manner of death. Classes will be a combination of lecture and laboratory exercises.

ANT 6645 Medical Anthropology (3)

This course provides an in-depth study of multiple theoretical approaches and topics of research in sociocultural anthropology related to health, illness, medicine, and healing institutions. In the current pandemic context, we will pay particular attention to critically examining how trust between medical experts and populations is constructed and challenged.

ANT 6665 Advanced Readings in Anthropology (3)

This course is designed to allow graduate students the opportunity to acquire a basic background in Anthropology literature. The readings will be in specific areas in Anthropology. May be repeated (with different topic) for credit. See semester hour limits listed under Course Restrictions in General Regulations section.

ANT 6680 Field Techniques in Archaeology (3)

Advanced instruction in survey and excavation methods and techniques used in the discipline of archaeology.

ANT 6681 Internship in Anthropology (3)

Internship with a recognized, professional anthropology related agency in which the student is assigned a specific task related to the field of anthropology. *Prerequisite(s):* SS 6690, SS 6691, SS 6698, and approval of the academic advisor and/or graduate coordinator.

ANT 6682 Internship 2 in Anthropology (3)

Internship with a recognized, professional anthropology related agency in which the student is assigned a specific task related to the field of anthropology. *Prerequisite(s):* SS 6690, SS 6691, SS 6698, and approval of the academic advisor and/or graduate coordinator.

ANT 6696 Selected Topics in Anthropology (3)

An examination of a particular subject which is not offered under the normal course offerings. May be repeated (with different topics) for credit. See semester hour limits listed under General Regulations section.

ART

ART 5581 Methods and Materials in Art (3)

Teaching methods, selection, organization, and use of art materials.

ART 5599 Advanced Studio Projects (3)

Supervised study and projects in an area not included in the student's undergraduate studies.

ART 6605 Seminar in Art History (3)

Historical inquiry into art with emphasis on sources and approaches to the visual arts as they interact with other facets of culture.

ART 6625 Specialized Study in Area of Art (1-3)

An individualized study with studio art faculty. Total credit for any combination of enrollments in these courses may not exceed six semester hours. See

semester hour limits listed under Course Restrictions in General Regulations section.

- ART 6626 Specialized Study in Area of Art (1-3)**
An individualized study with studio art faculty. Total credit for any combination of enrollments in these courses may not exceed six semester hours. See semester hour limits listed under Course Restrictions in General Regulations section.
- ART 6627 Specialized Study in Area of Art (1-3)**
An individualized study with studio art faculty. Total credit for any combination of enrollments in these courses may not exceed six semester hours. See semester hour limits listed under Course Restrictions in General Regulations section.
- ART 6662 Seminar in Art Education (3)**
A review of issues and research in art education and the visual arts.
- ART 6664 Research in Art Education (3)**
A review of contemporary research in art education and the presentation of a scholarly paper. *Prerequisite(s): ART 6662.*

ATHLETIC TRAINING

- AT 6605 Introduction to Clinical Experience (2)**
Introduction to the practice of basic components of the athletic training profession including the prevention, recognition, evaluation, and immediate care of athletic injuries. Components of the health care team, evidence-based practice, medical terminology, emergency procedures, taping/bracing procedures, and documentation will be covered. This course contains a clinical experience component for application of taping/bracing skills. *This course is taken Summer Semester, Year One. Prerequisite(s): Acceptance into the MSAT Program*
- AT 6610 Health Care Management & Quality Improvement (2)**
This course focuses on fundamental principles of administration and evaluation of the delivery of athletic training services in the context of the larger health care system. Strategies to achieve the best patient outcomes by collecting, analyzing, and effecting change using qualitative and quantitative information will be emphasized.
- AT 6620 Foundations of Athletic Training (2)**
Continuation of basic components of the athletic training profession including the prevention, recognition, evaluation, and immediate care of athletic injuries; fitness and wellness; nutrition; and mental health. Medical terminology, emergency procedures, tissue healing, environmental conditions, documentation, and professional considerations will also be covered. *Corequisite(s): AT L620 - Foundations of Athletic*
- AT L620 Foundations of Athletic Training Lab (1)**
The practice of basic components of the athletic training profession including the prevention, recognition and evaluation and immediate care of athletic
- injuries. Medical terminology, emergency procedures, tissue healing, taping procedures, and documentation, and professional considerations will be covered. This course contains a clinical experience component for application of these skills. *This course is taken Fall Semester, Year One. Corequisite(s): AT 6620 - Foundations of Athletic Training.*
- AT 6631 Examination & Therapeutic Management I (4)**
The study of athletic training competencies as they relate to the evaluation of athletic-related injuries. In this class, students will learn basic principles and underlying theories relating to examination and treatment techniques and applies them to examination.
- AT 6632 Examination & Therapeutic Management II (4)**
The study of athletic training competencies as they relate to the evaluation of athletic-related injuries. The examination process emphasizes connecting identified impairments to the patient's functional abilities and then subsequent design of interventions to maximize participation. *Prerequisite(s): AT 6631 - Examination & Therapeutic Management I.*
- AT 6633 Examination & Therapeutic Management III (3)**
This course will focus on application of the principles of prevention, examination, diagnosis, and treatment of patients with musculoskeletal conditions. The examination process emphasizes connecting identified impairments to the patient's functional abilities and then subsequent design of interventions to maximize participation. *Prerequisite(s): AT 6632 - Examination & Therapeutic Management II.*
- AT 6640 Therapeutic Interventions (3)**
An overview of tissues response to injury, pain transmission, and pharmacology provides the foundation from which students will learn about physical agents and specific conditions from a medical perspective. Students will become familiar with the theoretical and practical application of physical agents as it relates to tissue response to injury and pain control.
- AT 6645 Professional Practice in Athletic Training (1)**
The advanced study, writing, and discussion of specialized topics and contemporary issues related to professional practice. Emphasis will be on historical perspectives, professional preparation, leadership, credentialing, governance, ethics, and scope of practice. *Prerequisite(s): Acceptance into the MSAT Program*
- AT 6650 Pharmacological Considerations in Athletic Training (2)**
This course provides a survey of pharmacology and covers key concepts related to the cellular actions, therapeutic uses, and side effects of major drug classes that are relevant to the practice of allied health clinicians.
- AT 6655 Research & Analysis in Sports Medicine (3)**
This course is designed to introduce students' theoretical understanding of the profession, enhance their critical thinking ability, increase their writing skills, and advance the knowledge of the discipline. Students will learn about the design of a research

proposal, including the identification of a problem, conducting a literature review, developing a hypothesis, understanding the steps of submitting to an Institutional Review Board, designing a study, and analyzing data through the use of statistical software programs.

AT 6660 General Medical Concerns & Special Populations (3)

Examination and discussion of general clinical medicine as well as issues related to sports nutrition and behavioral health. Survey of injury and illness risk factors associated with sports participation by the preadolescent/adolescent, geriatric, disabled, male, and female athlete.

AT 6661 Clinical Experience I (2)

This clinical experience provides students with an introduction to clinical care. This course emphasizes foundations of clinical care, including but not limited to the use of evidence-based practice, cultural competence, communication, ethical decision making, documentation, and patient centered care. Within the didactic portion of this course, students gain proficiency in concepts learned in preceding semesters while gaining competence in skills being learned during the current semester. This portion may be delivered in person, remotely, or hybrid. *This course is taken Spring Semester, Year One.*

AT 6662 Clinical Experience II (2)

This clinical experience provides students with inter-professional experience a variety of healthcare providers. The clinical opportunity emphasizes examination and treatment of the non-athletic patient population. Within the didactic portion of this course, students gain proficiency in concepts learned in preceding semesters while gaining competence in skills being learned during the current semester. This portion may be delivered in-person, remotely, or hybrid. *This course is taken Summer Semester, Year Two. Prerequisite(s): AT 6661 - Clinical Experience I.*

AT 6663 Clinical Experience III (4)

This clinical experience provides students with continued clinical care opportunities. This course continues to emphasize foundations of clinical care including but not limited to the use of evidence-based practice, cultural competence, communication, ethical-decision making, documentation, and patient-centered care. Within the didactic portion of this course, students gain proficiency in concepts learned in preceding semesters while gaining competence in skills being learned during the current semester. This portion may be delivered in-person, remotely, or hybrid. *This course is taken Fall Semester, Year Two. Prerequisite(s): AT 6662 - Clinical Experience II.*

AT 6664 Clinical Experience IV (9)

This fulltime clinical experience is designed for immersion into supervised athletic training practice at any location chosen by the student based off career goals and program requirements. Students will be working with preceptors that resemble their own goal of clinical practice while gaining experience in all aspects of athletic training practice. A web based didactic component facilitates critical thinking,

reflects on practice, and prepares students for the Board of Certification (BOC) Exam while allowing the student to be fully immersed in their clinical experience. *This course is taken Spring Semester, Year Two. Prerequisite(s): AT 6663 - Clinical Experience III.*

AT 6665 Capstone Project (1)

This course contains the Capstone Project for the MSAT program. Students will utilize their didactic education and clinical experiences to create and answer a clinical question, then disseminate their findings professionally. Specific courses in the MSAT curriculum guide the completion of this project. *This course is taken Spring Semester, Year Two. Prerequisite(s): AT 6664 - Clinical Experience IV.*

BIOLOGY

BIO 5505 Entomology (4)

A study of the orders of insects with the emphasis on morphology, taxonomy, and life cycles. *Prerequisite(s): General Biology.*

BIO 5506 Dendrology (4)

Dendrology is a field and laboratory investigation of ecologically and commercially important species of trees, shrubs, and woody vines in the United States with a particular focus on native and naturalized taxa in the Southeast. The roles of these arborescent species in shaping the natural communities and ecoregions of Alabama are emphasized along with global comparisons. Herbarium specimens of taxa present in local natural areas are prepared. *Prerequisite(s): General Ecology with lab course, or permission of instructor.*

BIO 5511 Animal Nutrition (3)

Fundamental and applied aspects of animal nutrition including classification and function of nutrients, nutrient requirements and deficiency symptoms, digestive processes and physiology of food assimilation, characterization of feedstuffs, and formulation of diets for domestic animals. The principles apply to all mammalian and avian species, but there will be an emphasis on swine, beef cattle, dairy cattle, poultry, and horses. *Prerequisite(s): Principles of Biology and General Chemistry*

BIO 5513 Limnology (3)

A study of the physical, chemical, geological, and biological aspects of freshwater ecosystems as influenced by activities in surrounding watersheds. *Prerequisite(s): General biology, general ecology, general chemistry. Corequisite(s): BIO L513*

BIO L513 Limnology Lab (1)

Field and laboratory exercises in lake and stream science, including instrumentation, measurement, sampling, and analysis. *Corequisite(s): BIO 5513*

BIO 5514 Food Microbiology (3)

This course focuses on topics in microbial metabolism, food spoilage, food preservation techniques, and foodborne pathogens and their control. Some molecular techniques will be introduced.

Prerequisite(s): BIO 3372/L372. Corequisite(s): BIO L514.

BIO L514 Food Microbiology Lab (1)

This lab focuses on advanced microbiological laboratory techniques including enumeration and analysis of bacteria in food, water, and dairy products. *Prerequisite(s): BIO 3372/BIO L372. Corequisite(s): BIO 5514.*

BIO 5516 Microbial Ecology (3)

A study of the taxonomy, diversity, and ecology of microbial populations in ecosystems, with the emphasis on the roles that they play in biogeochemical cycles, their contributions to metabolic diversity, their interactions with animals and plants, their niches and bioremediation. *Prerequisite(s): Microbiology, organic chemistry. Corequisite(s): BIO L516*

BIO L516 Microbial Ecology Lab (1)

Microbial ecology laboratory techniques including isolation, identification, and enumeration of microorganisms from aquatic and terrestrial environments. *Corequisite(s): BIO 5516*

BIO 5520 Field Vertebrate Zoology (4)

A study of the basics of vertebrate identification, with emphasis on phylogeny, anatomy, morphology, life histories, habitats, distributions, and conservation. *Prerequisite(s): General Biology, General Chemistry*

BIO 5521 Population Ecology (3)

This course covers animal and plant populations, food supply, competition, disease, fecundity, distribution, and other environmental factors. Management of endangered species and protected ecosystems are included. *Prerequisite(s): General Ecology, Genetics, General Chemistry, Statistics. Corequisite(s): BIO L521*

BIO L521 Population Ecology Lab (1)

Field exercises in identifying ecological problems, formulating and testing hypotheses, and evaluating data using standard statistical methods. *Corequisite(s): BIO 5521*

BIO 5525 Field Botany (4)

A survey of vascular plants from different habitats in southeast Alabama. Principles of plant taxonomy, including history and systems of classification and nomenclature, the use of dichotomous keys, and general herbarium techniques. Emphasis is placed on plant identification and habitat types. See semester hour limits listed under Course Restrictions in General Regulations section. *Prerequisite(s): General Biology, General Ecology.*

BIO 5547 Ornithology (4)

Biology, ecology, evolution, and the conservation of birds. Topics include the origin and diversification of birds, seasonal migrations, bird communities, and the consequences of global change for bird diversity. Labs are integrated and include field trips for the observation and identification of birds and a project developed by students. *Prerequisite(s): General*

Biology, General Ecology (BIO 2229), or permission of the instructor.

BIO 5550 Environmental History (3)

An introduction to environmental history of the United States from the 18th century to the late 20th century, emphasizing the post WWII period. The course will focus on the historical development of the science of ecology, the origins of environmental problems and solutions attempted by government and experts, and responses by grassroots activists over time. *Prerequisite(s): Graduate standing at Troy University.*

BIO 5551 Toxicology (3)

A study of the principles related to the adverse effects of chemicals on living organisms. *Prerequisite(s): Organic Chemistry, Anatomy and Physiology.*

BIO L551 Toxicology Lab (1)

An assessment of terrestrial and aquatic toxicity of chemical agents following standard protocols.

BIO 5553 Biogeography (3)

This course provides a comprehensive review of the historical, ecological, and anthropic factors (such as plate tectonics, glacial interglacial cycles, soil, climate change) affecting the geographic distribution and abundance of animals and plants, with an emphasis on mammals, birds, and their habitats. The course includes lectures by the instructor and students and discussion of articles from the primary literature. *Prerequisite(s): General Ecology with lab course, or permission of the instructor. Corequisite(s): BIO 5554.*

BIO 5554 Biogeography Field Study (2)

An introduction to the distribution of flora and fauna across the ecoregions of Alabama, the fifth most biodiverse state in America, gained through immersion in selected natural areas. Discussions and student presentations focus on natural communities and species assemblages with an emphasis on adaptations of flora and fauna to different environments. Comparisons with similar regions on other continents are investigated. Six Saturday field trips are required. *Prerequisite(s): General Ecology and General Ecology Lab, or permission of instructor. Corequisite(s): BIO 5553*

BIO 5556 Human Virology (3)

The course is aimed to provide knowledge about the human viruses and zoonoses, their impact on human health, and the epidemiology aspects of human viral infections, the geographic spread, host ethnic disparities, the role of host genes and other factors, preventive measures, available treatment and vaccination. Students will also study the classification and nomenclature of viruses, their replication strategies as well as key viral genes and proteins that are explored as targets for antiviral therapy and vaccine development. *Prerequisite(s): Molecular Biology/ Lab.*

BIO 5559 Pathway to Professional School (3)

This course is designed to prepare students for application to professional school as well to equip them

with tools essential for success in their chosen field of study. Topics will include goal setting; choosing a program of study; personal statement and resume writing; self-assessment, decision making, time management, interview, test taking, and study skills; financial planning; building a professional identity; asking for letters of recommendation; preparing a strong application; and developing a support network.

BIO 5562 Clinical Pathophysiology I (3)

Clinical pathophysiology is the study of the changes that occur in the body as a result of disease or injury. Through a combination of lectures, class discussions, reading assignments, and case studies, we will examine how these changes disrupt normal physiologic processes and lead to the signs and symptoms of various health conditions. This course is the first in a two-part series and is ideal for anyone who plans a career in a health care related field. Clinical Pathophysiology I will focus on the cardiovascular, respiratory, endocrine, renal, and hematologic systems, covering the most common causes of chest pain, dyspnea, edema, fatigue, hypertension, hypotension, bleeding/bruising, and kidney disease. *Prerequisite(s): CHM 3352/L352, BIO 3348/L348, BIO 3372/L372, or equivalent. Corequisite(s): BIO L562 Clinical Pathophysiology I Lab*

BIO L562 Clinical Pathophysiology I Lab (1)

This is the lab that accompanies Clinical Pathophysiology I. Students will work through case studies of dyspnea, edema, chest pain, anemia, fatigue, bleeding/bruising, palpitations, hypertension, hypotension, and elevated creatinine that will enhance the student's understanding of the material taught in the lecture course. Students will also learn the fundamentals of reading EKGs and X-rays as well as interpretation of core labs including CBC, CMP, urinalysis, PT, and PTT. *Prerequisite(s): CHM 3352/L352, BIO 3348/L348, BIO 3372/L372, or equivalent. Corequisite(s): BIO 5562*

BIO 5566 Clinical Pathophysiology II (3)

Clinical pathophysiology is the study of the changes that occur in the body as a result of disease or injury. Through a combination of lectures, class discussions, reading assignments, and case studies, we will examine how these changes disrupt normal physiologic processes and lead to the signs and symptoms of various health conditions. This course is the second in a two-part series and is ideal for anyone who plans a career in a health care related field. Clinical Pathophysiology II will focus on the gastrointestinal, neurological, immunologic, dermatologic, and musculoskeletal systems, covering the most common causes of abdominal pain, weakness, headache, diarrhea, recurrent infections, back pain, rash, and limb pain. *Prerequisite(s): BIO 5562 Clinical Pathophysiology I. Corequisite(s): BIO L566 Clinical Pathophysiology II Lab*

BIO L566 Clinical Pathophysiology II Lab (1)

This is the lab that accompanies Clinical Pathophysiology II. Students will work through case studies of abdominal pain, diarrhea, weakness, headache, rash, back pain, and extremity pain that will enhance the

student's understanding of the material taught in the lecture course. Students will learn basic interpretation of X-Ray, CT, and MRI as well as further their skills in interpretation of core labs such as CBC, CMP, urinalysis, amylase, and lipase. *Prerequisite(s): BIO 5562, BIO L562. Corequisite(s): BIO 5566*

BIO 5571 Parasitology (3)

This course covers the taxonomy, structure, life histories, distribution, pathogenesis, and control of parasitic protozoa, helminths, and arthropods, with the emphasis on those of medical importance. *Prerequisite(s): Any 3000level BIO lecture and lab. Corequisite(s): BIO L571*

BIO L571 Parasitology Lab (1)

A laboratory study of parasitic protozoa, helminths, and arthropods, with the emphasis on those of medical importance. *Corequisite(s): BIO 5571*

BIO 5576 Special Topics (1-4)

Specialized topics not generally included in course offerings. *Prerequisite(s): Permission of instructor.*

BIO 5579 Environmental Assessment (3)

An examination of theory and practices required in performing stream environmental assessment as currently practiced by state and federal agencies in their attempt to preserve biological integrity. Sustainable management of natural resources and a systems approach to environmental problem solving will be emphasized. Topics covered include water quality, habitat assessment, indicator species used in ecological inventory with a concentration on macroinvertebrate and fish assemblages, and the index of biological integrity. *Prerequisite(s): BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite(s): BIO L579.*

BIO L579 Environmental Assessment Lab (1)

Laboratory instruction and hands-on field training regarding stream environmental assessment as currently practiced by state agencies in their attempt to preserve biological integrity. Topics covered include measurement of water quality, habitat, and practice sampling techniques, with a concentration on fish and macroinvertebrate assemblages. In addition, students will learn the use of the index of biological integrity using their own collections of fish assemblages. *Prerequisite(s): BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite(s): BIO 5579.*

BIO 5580 Histology (3)

A study of the microscopic anatomy and function of cell types and tissues of mammalian organs. *Prerequisite(s): general biology. Corequisite(s): BIO L580*

BIO L580 Histology Lab (1)

A study of the microscopic anatomy of cell types and tissues of mammalian organs. *Corequisite(s): BIO 5580*

BIO 5582 Molecular Biology (3)

The study of the fundamental principles of chromosomal organization and gene expression, with emphasis on the structure and function of nucleic acids

and proteins. *Prerequisite(s)*: Genetics, Microbiology, Organic Chemistry. *Corequisite(s)*: BIO L582

BIO L582 Molecular Biology Lab (1)

Experimental approaches in molecular analyses of nucleic acids and proteins, with the emphasis placed on common techniques utilized in clinical and research settings. *Corequisite(s)*: BIO 5582

BIO 5586 Advanced Microscopy (3)

Advanced microscopy practical techniques, including fixation, specimen preparation, theory of image acquisition using various microscope types, and image presentation. *Prerequisite(s)*: Graduate Standing

BIO 5592 - Guided Independent Research (1-4)

Additional information is indexed under "Guided Independent Research and Study."

BIO 5594 - Guided Independent Study (1-4)

Additional information is indexed under "Guided Independent Research and Study."

BIO 6601 Environmental and Biological Ethics (3)

Examination of major ethical theories as they apply to environmental, biological, and medical issues. The linkage of ethics to decision-making in social, public, and business policy. Course develops skills in understanding value systems and framing ethical positions.

BIO 6603 Environmental Management (3)

Concepts and practices underlying procedures for environmental resource management, including planning, organizing, and conducting programs.

BIO 6610 Principles and Methods for the Teaching Assistant (1-2)

This course will provide each student with significant "hands-on" experiences in college level instruction and develop the knowledge and skills teachers need to implement inquiry based instruction. Students will work under the direct mentorship and supervision of the course instructor and will be trained in techniques, current presentations, and teaching methods of laboratory based biology. (Students seeking one (1) semester hour credit will be required to assist in one laboratory course. Students seeking two semester hours credit will be required to assist in two laboratory courses or laboratory courses with multiple sections.)

BIO 6611 Global Pollution and International Environmental Policy (3)

An examination of global environmental issues, such as global climate change, ozone depletion, and acid precipitation. This course also deals with alternative in developing global policies and treaties to address these problems.

BIO 6612 Environmental Impact Studies and Risk Management (3)

An examination of practices used in analysis of land, water, and air to determine the impact of human activities such as construction, mining, clearing, and industrial operation. Planning approaches and

ecological constraints, economic evaluation, and quantitative approaches to predict impact.

BIO 6617 Seminar in Environmental and Biological Sciences (1)

Presentations on interdisciplinary principles and concepts, current issues, and new studies and research from a variety of fields, with environmental science serving as a unifying theme. Faculty members and outside speakers will present guest lectures. Candidates for the master's degree in the thesis option will present their research findings and conclusions.

BIO 6618 - Seminar in Environmental and Biological Sciences (1)

Presentations on interdisciplinary principles and concepts, current issues, and new studies and research from a variety of fields, with environmental science serving as a unifying theme. Faculty members and outside speakers will present guest lectures. Candidates for the master's degree in the thesis option will present their research findings and conclusions.

BIO 6619 Environmental Negotiations and Conflict Resolution (3)

An examination of the approaches to resolving environmental disputes through alternative dispute resolution techniques.

BIO 6621 Environmental Toxicology (3)

This course is a foundation for scientific decision-making involving contaminants and their effects on biological systems. It covers the basic principles of environmental toxicology including bioaccumulation, the biological effects of toxicants from the molecular to global level of organization, and a basic understanding of the risk of environmental pollutants and the science of risk assessment. *Prerequisite(s)*: Eight semester hours or equivalent of chemistry

BIO 6624 Public Health (3)

The impact of the environment on humans as well as the human impact on the environment serve as the dual focus of this course. Environmental agents of physical, chemical, and biological nature with adverse effect on human health will be considered. The physiological, molecular, cellular, genetic, and biochemical mechanisms of action of environmental carcinogens, toxins, pollutant, and other disease-causing environmental agents and the interaction of various environmental agents with biological systems will be addressed.

BIO 6625 - Specialized Study in Biology (1-4)

The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs but is not available in the regular curriculum. This study may include educational activities or training outside of the University. The student will follow the guidelines that the Department established for the supervision and the pursuance of this study. Requires approval of the student's adviser and chairs.

BIO 6626 Specialized Study in Biology (1-4)

The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs but is not available in the regular curriculum. This study may include educational activities or training outside of the University. The student will follow the guidelines that the Department established for the supervision and the pursuance of this study. Requires approval of the student's adviser and chairs.

BIO 6630 Pollution Science (3)

A study of pollution of atmosphere, surface water, and soil and groundwater from animate activities and inanimate processes. Adverse effects, fate, and transport of pollutants in air, soil, and water. **Prerequisite(s):** general chemistry.

BIO L630 Pollution Science Lab (1)

Theory and analytical techniques used in both field and laboratory for the analysis of air, water, and soil contaminants. *Prerequisite(s): general chemistry.*

BIO 6632 Land Use Planning (3)

An introduction to land use planning and land use tools, including zoning and comprehensive planning. The course also examines the interaction between land use and environments and explores strategies to reduce environmental impacts and protect natural resources.

BIO 6635 Water Quality and Resources (3)

This course is designed to present the basic aspects of water quality, quantity, and policy to the students to help them make informed decisions on how to manage the social science issues related to water supply, demand, and sustainable water management within the U.S. and globally. This course specifically covers properties of water, ecological implications of water, water resources, hydrologic cycle, physical, chemical and biological characteristics of water, stream, lake and reservoir water quality, water pollution, best management practices, water laws, regulations, and standards, and water economics. This course is an elective for all concentrations within the Environmental and Biological Sciences program.

BIO 6637 Epidemiology (3)

The course is aimed to provide knowledge about the epidemiological concepts and methods used in Epidemiology, the key terms and definitions used in Epidemiology such as the epidemiological triangle, chain of infection, reservoir, the portals of entry and exit, the modes of transmission, susceptible host, association and causality, HenleKoch relationships, the strength of association, ratios, proportions, rates, prevalence, incidence, mortality data, measures of health impact, type of mortality rates, descriptive studies - case reports and case series, ecological studies, cross-sectional / prevalence studies, case control studies, odds ratio cohort studies, 2x2 tables, as well as Analytic and experimental studies, randomized controlled trials, confounding and effect modification, surveillance and prevention, disease prevention, screening tests, and outbreak investigations. *Prerequisite(s): BIO 6645 - Human Population Genetics*

BIO 6638 Cancer Genetics and Epidemiology (3)

The course is aimed to provide knowledge about cancer the definition of cancer, the common features of cancer cells and tumors, the cancer cell theory, the genetic and epigenetic pathways leading to the development of cancers, the epidemiological aspects of various cancers and some clinical aspects of cancer diagnostic and treatment. *Prerequisite(s): Molecular Biology / Lab*

BIO 6641 Environmental Law, Permitting, and Regulatory Compliance (3)

A study of the steps needed and programs required to ensure that public and private sector organizations are in compliance with federal and state environmental regulations. *Prerequisite(s): An undergraduate ecology or environmental course, or approval of adviser.*

BIO 6645 Human Population Genetics (3)

Fundamental principles of population genetics with a focus on human populations

BIO 6647 Environmental Economics (3)

Introduction to the micro and macro aspects of environmental economics. The course will explore the various economic and institutional means of controlling environmental problems for effectiveness, efficiency and equity.

BIO 6650 Spatial Analysis Using Geographical Information Systems (3)

A graduate level GIS course geared for beginners that presents the understanding behind the four functional and physical components of a GIS data input; storage and retrieval; manipulation; and data output. Multiple GIS applications are also discussed. *Prerequisite(s): BIO 6630, BIO L630, or permission of chair. Corequisite(s): BIO L650*

BIO L650 Spatial Analysis Using Geographical Information Systems Lab (1)

This lab is intended for average computer users with little or no experience in ArcView GIS or any other GIS software. At the end of the labs, students will be able to use ArcView to view, query, analyze, chart, and map geographic data. *Corequisite(s): BIO 6650.*

BIO 6655 - Clinical Biochemistry (3)

This course is the discipline of pathology (or laboratory medicine) that is concerned with the detection and measurement of biochemical changes in disease. This course will give a succinct overview, the "big picture" and relevance of biochemistry and essential pathways that regulate and affect various disorders. Discussion of potential targets for research and drug development through the use of case studies will be included. *Prerequisite(s): Cell Biology/Lab, General Chemistry/Lab, Genetics or equivalent, or by permission of instructor.*

BIO 6660 Issues in Aquatic Ecology (3)

Case studies on the overexploitation and degradation of aquatic ecosystems and their resources, with a primary focus on freshwater systems. *Prerequisite(s):*

An undergraduate ecology course is highly recommended.

BIO 6661 - Conservation Biology (3)

Examination of the principles, practices, and philosophy of measuring, maintaining, and enhancing biological diversity. The course focuses on the applications of ecology, population biology, and genetics of the conservation of keystone and rare species and ecosystems. *Prerequisite(s): An undergraduate ecology course is highly recommended.*

BIO 6665 Sustainable Development (3)

This course will increase student awareness of sustainability issues concerning the future survival of humans and other organisms on the planet. The course specifically covers the following biological diversity trends, human population growth, agriculture and food consumption issues, water use and supplies, global warming and effects on biological diversity, sustainable fisheries, forest products and services, and other issues.

BIO 6670 Special Topics (1-4)

Specialized topics not generally included in course offerings. A maximum total of 4 semester hours is allowed for program credit.

BIO 6671 Special Topics (1-4)

Specialized topics not generally included in course offerings. A maximum total of 4 semester hours is allowed for program credit.

BIO 6682 Immunogenetics (3)

The course is aimed to provide knowledge about the human major histocompatibility complex (MHC) and its human equivalent - human leukocyte antigens (HLA) the master systems for self-nonself-recognition. The students will learn about the variations in HLA loci and their association with human disorders, such as autoimmune and inflammatory diseases, infectious diseases, cancers, gastrointestinal diseases, neurological and psychiatric disorders, et al., as well as transplantation immunology, the variations in the immune response to infectious diseases and vaccination, immunodeficiencies and the treatment of human cancers. *Prerequisite(s): Immunology/Lab.*

BIO 6691 Research Methodology and Experimental Design (3)

This course will include hands-on statistical experience emphasizing hypothesis testing using a statistical software system. It will combine several elements of research methodology including developing a grant proposal that will include topic selection, literature search, question formulation, methods, statistics, and a budget. *A grade of "B" or better is required. Prerequisite(s): Three semester hours in probability and statistics or permission of instructor.*

BIO 6693 Scientific Writing (3)

This course is designed to provide graduate students with the skills necessary to effectively communicate scientific findings, critique scientific literature, and develop structured and clear scientific documents suitable for publication, grant writing, or

professional reports. Additionally, the course will cover fundamental principles of experimental design, helping students develop sound research methodologies to generate reproducible and valid results. *Prerequisites: graduate level standing, BIO 6691, or departmental approval. Prerequisite(s): BIO 6691 or departmental approval.*

BIO 6695 Thesis Research (1-6)

Under the guidance of the student's adviser and the chair of the department, the student may pursue original research (independent acquisition and interpretation of data) in a particular area of environmental or biological science. The completion of a thesis is required. The results and conclusions must be successfully defended before the student's graduate committee. *Grading system is Pass / Fail. Prerequisite(s): 3.0 GPA and permission of the Chair of the Biological and Environmental Sciences department.*

BIOMEDICAL SCIENCE

BMS 6615 Medical Microbiology and Immunology (3)

Emphasizes the basic clinical applications of microbiology and immunology in the treatment and prevention of infectious diseases. *Prerequisite(s): Microbiology/Lab*

BMS 6625 Medical Cell Biology (3)

Focuses on the cellular and molecular bases of human diseases and disease processes. *Prerequisite(s): General Chemistry/Lab, Cell Biology/Lab, Microbiology/lab, or Genetics/Lab*

BMS 6630 Medical Pharmacology (3)

This course reviews the beneficial and harmful actions of drugs on the tissues and organs of the body. Provides the foundation for understanding drug actions in health and disease. *Prerequisite(s): General Chemistry/Lab and Physiology*

BMS 6635 Medical Physiology (3)

Reviews the functions of the various organ systems and their integration in the human body at an advanced level. *Prerequisite(s): Cell Biology*

BMS 6655 Clinical Biochemistry (3)

This course is the discipline of pathology (or laboratory medicine) that is concerned with the detection and measurement of biochemical changes in disease. This course will give a succinct overview, the "big picture", and relevance of biochemistry and essential pathways that regulate and affect various disorders. Discussion of potential targets for research and drug development through the use of case studies will be included. *Prerequisite(s): Cell Biology/Lab, General Chemistry/Lab, Genetics or equivalent, or by permission of instructor.*

BMS 6660 Histology & Embryology (4)

The Histology and Embryology course is designed to help students develop an understanding of human tissues and organs at the microscopic level, as well as an understanding of the tissues and organs of the embryo and fetus. The course format will emphasize the

link between the development of an organ or tissue with its mature structure and function. The lecture and laboratory portions of this course will overlap and reinforce each other, with lectures emphasizing concepts and laboratory exercises emphasizing identification of cell and tissue types. *Prerequisite(s): Anatomy & Physiology with lab*

BMS 6665 Neuroanatomy (4)

This graduate course is a comprehensive study of the anatomy of the human nervous system. Special emphasis will be placed on relating clinical disorders to the relevant neurological structures and pathways. *Prerequisite(s): Anatomy and Physiology, Biochemistry, Microbiology*

BMS 6695 Thesis Research (1-3)

Under the guidance of the student's adviser the Chair of the Department, the student may pursue original research (independent acquisition and interpretation of data) in a particular area of the biomedical sciences. The completion of a thesis is required. The results and conclusions must be successfully defended before the student's graduate committee. *Grading system is pass/fail. Prerequisite(s): 3.0 GPA and permission of the Chair of the Department of Biological and Environmental Sciences.*

BUSINESS

BUS 6600 Survey of Business Concepts (3)

An overview course of the business management field including the functional areas of economics, marketing, quantitative methods, human relations, and human resource management. A grade of "B" or better is required.

BUS 6611 - Global Business Strategy (3)

This course integrates the skills and knowledge developed in earlier MBA core courses and emphasizes case analysis. Formulation and implementation of strategies are stressed. This course serves as the capstone requirement for the MBA degree and may not be transferred into the MBA program. *Prerequisite(s): 24 semester credits completed in the MBA program to include all other core courses. A grade of "B" or better is required.*

BUS 6625 - Specialized Study in the Area of Business Administration (1-3)

Study of problem or problems using research techniques. Selection of the problems must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and many involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in student's program. *Prerequisite(s): All business foundation courses or equivalent.*

BUS 6626 - Specialized Study in the Area of Business Administration (1-3)

Study of problem or problems using research techniques. Selection of the problems must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and many involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in student's program. *Prerequisite(s): All business foundation courses or equivalent.*

BUS 6627 Specialized Study in the Area of Business Administration (1-3)

Study of problem or problems using research techniques. Selection of the problems must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and many involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in student's program. *Prerequisite(s): All business foundation courses or equivalent.*

BUS 6658 Special Topics in Business (3)

This course examines selected topics in business that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours.

BUSINESS ANALYTICS

BA 6658 Special Topics in Data Analytics (3)

This course examines selected topics in data analytics that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): QM 6640 or Department Chair Approval*

BA 6662 Big Data Analytics and Business Decision Support (3)

This course introduces the concepts and practices of Big Data analytics and its application to executive business decisions that enhance business competitiveness. Students will learn how to utilize Big Data methodologies and analytic software to interpret and visualize large data sets into meaningful and useful information for business use. The course also includes case studies in how major businesses have used big data to gain new perspectives and insights that enabled new competitive advantages and marketing advantages.

CHEMISTRY

- CHM 5500 Special Topics in Chemistry (3)**
A study of topics of special interest, such as advanced physical chemistry, advanced analytical chemistry, advanced organic, group theory, surface chemistry, and colloid chemistry. *Prerequisite(s): CHM 2242 and CHM 3343*
- CHM 5503 Advanced Organic Chemistry (3)**
A more in-depth study of many of the topics studied in Organic Chemistry I and II. Topics will include reaction mechanisms, synthetic methods, and structure determination using spectroscopic techniques. *Prerequisite(s): CHM 3357*
- CHM 5544 Advanced Inorganic Chemistry (3)**
This course covers the spectroscopy of inorganic molecules, detailed molecular orbital applications, descriptive chemistry of the transition elements, including organometallic and bioorganic compounds. *Prerequisite(s): CHM 2242, CHM 5552 and CHM L552*
- CHM L544 Advanced Inorganic Laboratory (1)**
A study of the preparation and characterization of inorganic compounds. Experience will be provided in techniques such as using a tube furnace and handling air-sensitive compounds with a glove bag and Schlenk line. *Pre/Corequisite(s): CHM 5544*
- CHM 5545 Instrumental Analysis (3)**
A study of the operating principles of modern analytical instrumentation for determining composition and concentration. *Prerequisite(s): CHM 2242, CHM 3343, PHY 2253 and L253 or PHY 2263 and L263. Corequisite(s): CHM L545*
- CHM L545 Instrumental Analysis Laboratory (1)**
The practical application of select modern analytical instruments to qualitative and quantitative examination of matter. Considerable attention is given to the instrument and elementary electronics involved in each. *Corequisite(s): CHM 5545*
- CHM 5552 Physical Chemistry I (3)**
A study of the theory and applications of thermodynamics, reaction kinetics, and transport properties with an emphasis on the description of ideal/non ideal gasses and solutions. *Prerequisite(s): CHM 3343; PHY 2253 and L253 or PHY 2263 and L263; MTH 1126. Corequisite(s): CHM L552*
- CHM L552 Physical Chemistry I Laboratory (1)**
An introduction to methods and techniques used in the physical chemistry laboratory, including experiments in calorimetry, phase equilibria, reaction kinetics, and transport properties. *Corequisite(s): CHM 5552*
- CHM 5553 Physical Chemistry II (3)**
A continuation of CHM 5552 with an introduction to surface phenomena, quantum chemistry, and spectroscopy with an emphasis on properties of surfaces, atomic and molecular structure, molecular orbital

theory, and photochemistry. *Prerequisite(s): CHM 5552*

- CHM L553 Physical Chemistry II Laboratory (1)**
A continuation of CHM L552 with an introduction to methods and techniques in computational chemistry and spectroscopy. *Pre/Corequisite(s): CHM 5553*
- CHM 6625 Specialized Study in Area of Chemistry (1-4)**
A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A Specialized Study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.
- CHM 6626 Specialized Study in Area of Chemistry (1-4)**
A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A Specialized Study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.
- CHM 6627 Specialized Study in Area of Chemistry (1-4)**
A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A Specialized Study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

CRIMINAL JUSTICE

- CJ 6610 Principles of Administration (3)**
A survey of the basic principles and functions of personnel administration with special attention paid to criminal justice applications.
- CJ 6620 Current Trends in Criminal Law and Procedure (3)**
This course is divided into two main sections, substantive and procedural criminal law. The course examines the development of criminal law, elements of offense, types of offenses and defenses, and case analysis. We provide a critical review through case studies of recent trends and developments on the interpretation of major portions of the United States

Constitution concerning individual liberties, and the rights of criminal defendants in the criminal justice system.

CJ 6621 Current Issues in Corrections (3)

An analysis of the contemporary problems surrounding corrections. Examples of topics include, but are not limited to, police unionization, court reforms, correctional problems, community-based correctional philosophy, comparative issues, and contemporary problems related to correctional officers' retention and employment practices.

CJ 6622 Seminar in Administration of Justice (3)

A critical examination of the administration of the criminal justice system in America, including the myths and misconceptions it generates, the controversial issues and trends it produces, and the current and future policies and administrative decision making it promotes.

CJ 6624 Court Administration (3)

A study of the judicial process from the standpoint of its situational and legal basis, organization and management, and the technical aspects of the judicial function at both trial and appellate levels.

CJ 6625 Specialized Study (3)

This course provides the student an opportunity to pursue in-depth study on a topic or issue of personal interest under the guidance and direction of a department faculty member. May be repeated up to a total of six credit hours. See semester hour limits listed under Course Restrictions in General Regulations section.

CJ 6630 Juvenile Justice (3)

An examination of the agencies, institutions, and personnel that work with juvenile offenders. Of special interest will be how the police, courts and correctional agencies interact and deal with juvenile offenders, as well as a review of the current issues and proposals being discussed at the national level.

CJ 6635 Community-Based Corrections/Correctional Systems (3)

This course will advance the concept of the development of programs for offenders which substitute treatment in the community for institutionalization or imprisonment. Collectively, these programs constitute what is termed "Community-Based Corrections."

CJ 6638 Seminar in Civil Liberties Related to Corrections (3)

This course is concerned with prisoners' rights as they are guaranteed by the United States judicial system. Because of the ongoing nature of the process defining rights of prisoners currently, decisions of federal appellate and district courts as well as state courts are utilized. This course is a critical review of recent trends and developments affecting personal liberties of incarcerated individuals.

CJ 6639 Seminar in Homeland Security (3)

Homeland Security introduces students to current public policies and issues relevant to the security of

the United States. The coordination of federal, state, and local government agencies and nonprofit organizations which respond to threats is vital to the security of people, property, and our way of life. The course relies upon theories, concepts, and case studies to explore the challenges facing organizations which are a part of protecting our homeland security.

CJ 6640 Seminar in Law Enforcement (3)

An in-depth examination of the various issues and problems currently being experienced in American policing.

CJ 6641 Capital Punishment (3)

The purpose of this course is to examine different aspects of capital punishment. To reach this goal, this course considers the history as well as various perspectives about different dimensions of this method of punishment. Students will study different views that oppose or support the death penalty and the consequences of using capital punishment by the criminal justice system.

CJ 6642 Cyber and Information Threat Management (3)

Presented from an operational perspective, this course introduces students to the interdisciplinary field of cybersecurity, discusses the evolution of information security into cybersecurity, and explores the relationship of cybersecurity to organizations and society. Students will be exposed to multiple cybersecurity environments, technologies, processes, and concepts, analyze the threats and risks to/in these environments, and understand how to develop an appropriate strategy to mitigate potential cybersecurity impacts in the modern information environment.

CJ 6643 Transportation and Border Security (3)

This course provides students with an analysis of issues that concern the protection of our nation's borders and United States' policy regarding the safety of the US transportation system. Moreover, the course will analyze border security issues such as immigration, Mexican Drug Wars, physical border security strategies to include the use of the US military and the Bracero Program.

CJ 6644 Administrative Law (3)

A study of the legal environment in which the public administrator functions. The process and procedures of administrative agencies including administrative discretion, rule-making, investigating, prosecuting, negotiating, and settling; constitutional law, statutory law, common law, and agency-made law. Liability of governments and their officers. Selected cases and decisions.

CJ 6645 Ethics in Criminal Justice Organizations (3)

The study of philosophical and practical issues related to ethical decision making in criminal justice organizations. Emphasis is given to the analysis of ethical dilemmas confronting the contemporary criminal justice system and the development of analytical skills and a values framework to act as ethical criminal justice professionals.

- CJ 6646 Sentencing and Punishment (3)**
Sentencing and punishment are critical features of the criminal justice system and are primarily used as a last method of social control. Countries have different punishment and sentencing systems affected by their cultural, historical, and economic conditions. This course investigates various approaches to the punishment as well as potential outcomes produced by each approach.
- CJ 6647 AI and Game Forensics (3)**
This course is a practical and theoretical study of Artificial Intelligence and Gaming consoles. Topics include the collection and analysis of artificial intelligence and the use of artificial intelligence to enhance the analysis of digital evidence. This framework investigates smart home devices or forensic investigations of Autonomous Vehicles and logs. Also, collecting and analyzing game consoles and the use of consoles by bad actors. Discuss various techniques for analyzing digital evidence and legally acceptable methods for preserving, collecting, and reporting findings from these investigations.
- CJ 6648 Cyber Forensics (3)**
This course is an introduction to the framework of cyber forensics and the process of identifying, collecting, analyzing, and reporting digital evidence for judicial review. Cyber Forensics involves computer knowledge, hands-on application, and theoretical issues in current practice. Topics to be addressed will include how to forensically acquire digital evidence, various techniques for analyzing digital evidence, and legally acceptable techniques for preserving, collecting, and reporting findings from these investigations. In addition, students will be exposed to various software and hardware involved in the cyber forensics process.
- CJ 6649 Statistics for Criminal Justice Research (3)**
This course provides a review of advanced statistical techniques with emphasis upon their application in a criminal justice setting.
- CJ 6650 Survey of Research Methods in Criminal Justice (3)**
An analysis of research strategies employed to study the causes of crime and the societal response to it. A grade of "B" or better is required.
- CJ 6652 Seminar in Corrections (3)**
An in-depth examination of the various issues and problems in corrections with a special emphasis relating to administration and management.
- CJ 6653 Seminar in Intelligence (3)**
This course examines the principle roles of intelligence in a post 9-11 environment and in national security formulation. Moreover, the course covers the intelligence cycle (planning and direction, collection, processing, analysis and dissemination). It also covers key aspects of intelligence such as warning and surprise, denial and deception; covert action; oversight and civil liberties; role of policy makers, and intelligence reform.
- CJ 6655 Selected Topics in Criminal Justice (3)**
An examination of a particular subject which is not offered under the normal course offerings. May be repeated (with different topics) for credit. See semester hour limits listed under Course Restrictions in General Regulations section.
- CJ 6656 Selected Topics in Security (3)**
An examination of a particular subject which is not offered under the normal course offerings. May be repeated (with different topics) for credit. See semester hour limits listed under Course Restrictions in General Regulations section.
- CJ 6660 Advanced Readings in Criminal Justice (3)**
This course is designed to allow beginning graduate students the opportunity to acquire a basic background in criminal justice literature. The readings will be in specific areas in criminal justice. May be repeated (with different topics) for credit. See semester hour limits listed under Course Restrictions in General Regulations section.
- CJ 6665 Emergency and Crisis Management (3)**
An examination of the theory and practice of emergency management. Course reviews principles and practices of emergency and crisis management. The issues, policies and responses necessary to coordinate and collaborate with other agencies in an emergency situation will be examined. Application of these policies, issues and principles will involve using cases and scenarios.
- CJ 6667 Intelligence Analysis (3)**
Examines the disciplines of criminal and intelligence analysis as an evolving interdisciplinary approach to address and support the Homeland Security function, and complex investigations such as organized crime. The course is an integration of theory, software application for investigative analysis, and application of information management.
- CJ 6669 Legal Aspects of Security (3)**
A historical and legal exploration of security law in the United States.
- CJ 6671 Organization Theory (3)**
An examination of the theories of modern criminal justice organization, including current trends and development.
- CJ 6680 Criminal Justice Study Abroad (3)**
An examination of the differences in criminal justice system between the US and a chosen foreign country, unique crime problems faced by the chosen country, and their tactics to handle the problems.
- CJ 6692 Internship in Criminal Justice (3)**
Application of skills and knowledge of Criminal Justice in government agency, public service institution or similar situation under the supervision of a faculty member. *Prerequisite(s): CJ 6620, CJ 6622, CJ 6636, CJ 6650, and approval of the student's academic advisor and/or graduate coordinator*

CJ 6693 Master's Project (3)
An applied professional research project involving the analysis of a management or public policy problem, designed for the student who does not wish to write a thesis but nonetheless desires to prepare a major written work in the field of criminal justice.

CJ 6696 Internship 2 in Criminal Justice (3)
Application of skills and knowledge of Criminal Justice in government agency, public service institution or similar situation under the supervision of a faculty member. *Prerequisite(s): CJ 6620, CJ 6622, CJ 6636, CJ 6650, and approval of the student's academic advisor and/or graduate coordinator.*

COMMUNICATION STUDIES

COM 5531 Interpersonal Communication (3)
A study of theories of Communication behavior in relatively unstructured face-to-face situations, including small-group discussion.

COM 5541 Oral Interpretation (3)
A study and application of the principles and practices of oral interpretation (reading) of literature, including individual and ensemble performance.

COM 5542 Rhetoric (3)
A study of the historical development of rhetorical theory in Western thought from the Classical to the Contemporary periods and its relationship to practice and criticism. The course includes opportunities for advanced public speaking and small group discussion.

COM 6600 Communication and Influence (3)
This class is designed to increase the students' understanding of and ability to use social media in an advocacy role. Students will study argument, interaction and political communication in personal, print, and online environments. Emphasis is placed on persuasion theories and the role of messages as agents for change.

COM 6601 Introduction to Strategic Communication (3)
This course surveys the historical and cultural impact of human and mass communication, including inventions, innovators and technology. It also discusses the social effects and ethical concerns of communication and prepares students for related graduate coursework, including academic writing. *Required as a first course for all students without a communication-related undergraduate degree.*

COM 6605 Strategic Communication Theories (3)
Students will explore communication theories from classical to current times along with their practical applications. Special attention is placed on crisis communication and the role of new technologies.

COM 6610 Leadership and Media Strategies (3)
Using leadership skills to approach communication effectively with a variety of media tools. Topics include media relations, media characteristics, media decisions, the impact of emerging communication technologies on the communication process,

mentoring communication skills, presentation skills and media budgets.

COM 6620 Contemporary Issues in Strategic Communication (3)
The study of contemporary issues related to strategic communication and appropriate delivery mechanisms. Students will develop communication plans for critical audiences facing problematic situations.

COM 6625 Specialized Study in Area of Speech Communication (1-3)
Under the supervision of the faculty course supervisor the student may pursue an extensive study of a particular area which fits his/her academic needs but is not available in the regular curriculum. Each proposal must be approved the preceding term by adviser, course supervisor, and department chair. Total credit for any combination of enrollments in these courses may not exceed six hours. See semester hour limits listed under Course Restrictions in General Regulations section. Total specialized study hours may not exceed six semester hours.

COM 6626 Specialized Study in Area of Speech Communication (1-3)
Under the supervision of the faculty course supervisor the student may pursue an extensive study of a particular area which fits his/her academic needs but is not available in the regular curriculum. Each proposal must be approved the preceding term by adviser, course supervisor, and department chair. Total credit for any combination of enrollments in these courses may not exceed six hours. See semester hour limits listed under Course Restrictions in General Regulations section. Total specialized study hours may not exceed six semester hours.

COM 6627 Specialized Study in Area of Speech Communication (1-3)
Under the supervision of the faculty course supervisor the student may pursue an extensive study of a particular area which fits his/her academic needs but is not available in the regular curriculum. Each proposal must be approved the preceding term by adviser, course supervisor, and department chair. Total credit for any combination of enrollments in these courses may not exceed six hours. See semester hour limits listed under Course Restrictions in General Regulations section. Total specialized study hours may not exceed six semester hours.

COM 6630 Strategic Communication and Emerging Media (3)
Students will examine the strategic use of emerging media in communication campaigns. Topics include Internet usage, audience analysis, media relations, public relations media plans, social media advertising, blogs, electronic publishing and web design.

COM 6635 Strategic Organizational Communication (3)
This course allows students to discuss the impact of mediated communications within organizations and how to use digital and conventional communication technologies to reach diverse publics.

COM 6640 Global Communication (3)

The study of elements of cross-cultural communication and global markets. The course focuses on developing skills to improve communication across cultural barriers in a diverse environment. Students will learn about ethical and effective communication in diverse domestic work places and in the international business environment.

COM 6691 Strategic Communication Inquiry and Research (3)

The examination and evaluation of research methods used with strategic communication data. Students will apply this knowledge in a study of communication problems. Students may not enroll in COM 6699 without successfully completing this course. A grade of "B" or better is required.

COM 6699 Strategic Communication Capstone (3)

This course provides a culminating experience in which students will integrate the theoretical and practical strategic communication skills developed in prior courses. Students will apply these skills by developing an effective communication campaign. A grade of "B" or better is required. This course is open only to students who have successfully completed 24 hours of coursework (including COM 6600, COM 6605, COM 6691 and JRN 6640) in the program. This course may only be taken in the students final term of the program.

COM 8801 Topics in Global Communication (3)

This course examines the multifaceted world of communication in the 21st century concepts, terms, and processes. Additionally, students explore the history, score and structure of communication in the United States and globally.

COM 8802 Seminar in Global Conflict and Communication (3)

Conflict in global organizations influences global communication. Students will explore conflict as a part of the communication process, analyzing issues, problem-solving, and critically thinking.

COM 8803 Survey of Global Communication Studies (3)

This course explores global communication in the organization from the perspective of real-life issues, using case studies.

COM 8804 Contemporary Issues in Global Communication (3)

This course explores contemporary issues in communication, evolving technologies, and how communication is impacted by changes in the globalization process.

COM 8805 Global Communication (3)

This course examines communication from a global leadership perspective. Communication in the complex organization impacts the culture and working environment of the organization. Communication will be explored through theory as well as real-life settings.

COM 8806 Seminar in Global Media (3)

Global communication as a medium is explored. The course examines the medium of global communication as representation, reflection, and an influencer.

COUNSELING

CP 6600 Professional Orientation and Ethics (3)

An introductory course to the world of professional counseling. Course content includes historical overview, concepts, approaches, philosophy and development of the counseling profession. Professional roles, organizations, credentialing, legal/ethical issues, and professional standards of care are covered. *Prerequisite(s): Required first course.*

CP 6601 Legal, Ethical, and Professional Standards (3)

This course assists counseling personnel in acquiring information and understanding necessary to effectively deal with legal, ethical and professional standards of the counseling profession.

CP 6602 Treatment of Behavioral Addictions (3)

The study of behavioral additions to include their history and etiology. The course will also comprise of assessment, diagnosis, and treatment considerations specific to behavioral addictions.

CP 6605 Foundations of Mental Health Counseling (3)

A study of the historical, philosophical, societal, cultural, economic, and political dimensions within mental health practice. This course will address the professional identity, functions, and issues facing mental health practitioners principles, theories, and practice of community intervention and the human services network; fiscal and administrative management of programs; and public policy and governmental relations impacting mental health services.

CP 6610 Facilitation Skills and Counseling Techniques (3)

A focus on the development and application of basic facilitation skills necessary for becoming an effective helping professional. Skills are developed through a combination of didactic, experiential, and demonstrated learning activities to train the beginning counselor in the establishment and maintenance of therapeutic relationships.

CP 6616 Treatment of Addictive Family Diseases (3)

A study of typical characteristics of dysfunctional families. Provides the basis for suggested intervention techniques, appropriate areas of family education, and guidelines for effective therapy.

CP 6617 Treatment Theories and Modalities of Addictive Disease (3)

A study of historical perspectives and the most effective treatment and assessment approaches of addictive diseases.

CP 6618 Counseling Military Service Personnel and their Families (3)

Examines essential knowledge and current research on counseling issues that impact military personnel and their families. Analyzes the concerns that affect military families through pre, during, and post-

deployment, as well as significant issues for children and adults in school and agency settings. Also addresses issues relating to student veterans pursuing postsecondary education.

CP 6619 Assessment, Diagnosis, Treatment Planning, and Community Reintegration for Military Service Populations (3)

Utilizes essential knowledge and current research on counseling issues that impact military personnel and their families. Obtains, analyzes and applies assessments, evaluative data, and diagnostic information to the development of comprehensive treatment planning for behavioral symptoms, short-term objectives, long term goals and therapeutic interventions for military personnel and their family members in personal, educational, and community environments. Psychopharmacology treatment interventions are covered.

CP 6620 Readings in Counseling and Psychology (1-3)

An independent exploration of the literature related to verbal and nonverbal communication, listening, and human relations under the supervision of a faculty member. An examination will be required upon the conclusion of the course. This course may be offered as a seminar. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6621 Readings in Counseling and Psychology (1-3)

An independent exploration of the literature related to verbal and nonverbal communication, listening, and human relations under the supervision of a faculty member. An examination will be required upon the conclusion of the course. This course may be offered as a seminar. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6622 Readings in Counseling and Psychology (1-3)

An independent exploration of the literature related to verbal and nonverbal communication, listening, and human relations under the supervision of a faculty member. An examination will be required upon the conclusion of the course. This course may be offered as a seminar. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6625 Specialized Study in Counseling (1-3)

A study of a problem or a topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6626 Specialized Study in Counseling (1-3)

A study of a problem or a topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's

program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6627 Specialized Study in Counseling (1-3)

A study of a problem or a topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

CP 6633 Spiritual Issues in Counseling (3)

Spiritual issues in counseling is a course designed to assist students to become more informed about and aware of spiritual issues that affect themselves, their clients, and society. The topics discussed in class have to do with a survey of religious/spiritual traditions, assessing religious/spiritual dimensions, theories of religious/spiritual models, ethics of working with clients around religious/spiritual issues, and strategies and techniques for treatment interventions around religious/spiritual dimensions.

CP 6634 Drug Education, Prevention, and Intervention (3)

A study of commonly abused drugs, drug abuse prevention, and treatment techniques. Examines characteristics of people at high risk to become substance abusers/addicted.

CP 6635 Crisis Response Management (3)

This course provides community personnel, school personnel and other education and/or health professionals/paraprofessionals information about the nature of global and local disasters. Course content includes appropriate responses to a variety of crisis scenarios and information on major theories of crisis intervention.

CP 6636 Foundations of Student Affairs (3)

This course is designed to provide a comprehensive introduction to the field of student affairs in higher education through a review of its historical and philosophical influences; purpose, roles, and functions; and contemporary issues and trends.

CP 6637 Administration of Student Affairs Programs (3)

This course is designed to provide the knowledge and skills required for effective administration of student affairs in higher education. The course will focus on designing, managing, and evaluating student affairs programs.

CP 6638 Internship Student Affairs Counseling (3)

This course provides supervised student affairs counseling experiences in the college environment. The experience is accompanied by scheduled supervision with the university supervisor. Internship equals 300 clock hours, to include 120 hours of direct student affairs service. *Grading system is Pass/Fail. Prerequisite(s): CP 6650.*

CP 6639 Internship Student Affairs Counseling (3)

This course provides supervised student affairs counseling experiences in the college environment. The experience is accompanied by scheduled supervision with the university supervisor. Internship equals 300 clock hours, to include 120 hours of direct student affairs service. *Grading system is Pass/Fail. Prerequisite(s): CP 6638.*

CP 6641 School Counseling and Program Management (3)

In this course students will study planning, designing, implementing, and evaluating a comprehensive developmental school guidance program. The school counselor's role as an advocate and school leader will be emphasized. Historical perspective, new academic achievement, guidance curriculum and ethical and legal issues will be included.

CP 6642 Group Dynamics and Counseling (3)

The study of group dynamics and group counseling theories, including ethics, group leadership styles, types of groups, group counseling methods and skills, group developmental stages, and therapeutic factors of group work. Experiential activities included. *Residency Required. Prerequisite(s): CP 6610*

CP 6644 Community Counseling Services (3)

A study of multifaceted, comprehensive, community counseling and school psychological services, needs assessment, resource identification, program development, and program evaluation. Alternative models of service delivery and alternative sources of funding and program regulation are explored.

CP 6645 Current Trends in School Counseling (3)

The course is designed to provide the students with relevant information and current trends in the school counseling profession.

CP 6649 Theories of Counseling (3)

A study of the major theoretical approaches in counseling including the affective, behavioral, and cognitive theories. Application of theories to basic types of problems in the counseling relationship is included. Includes case studies, class demonstrations and roleplaying.

CP 6650 Practicum (3)

This course provides an opportunity for the student to perform, under supervision, a variety of activities that a regularly employed professional counselor would perform. Practicum provides for the development of counseling skills under supervision. The student must complete 100 clock hours, including a minimum of 40 hours of direct service with clients. Experiences are accompanied by regularly scheduled, weekly group supervision designed to provide an opportunity for analysis and evaluation of supervised activity. Students enrolled in practicum must complete requirements in the program major area. Students changing majors will be required to retake practicum in the new program area. *Grading system is Pass / Fail. Prerequisite(s): Permission of instructor and department chair required. CP 6600, CP 6610, CP 6642, and CP 6649 are required for all programs. In addition, PSY 6669 and PSY 6670 are*

required for Clinical Mental Health and School Counseling; CP 6652 is required for Rehabilitation Counseling; CP 6641 is required for School Counseling.

CP 6651 Counseling Diverse Populations (3)

A study of the psychological and sociological factors relative to cultural diversity. Special emphasis is placed on current practices utilized in counseling interventions with culturally diverse populations. Special emphasis is placed on current practices utilized in counseling interventions with diverse populations as well as increasing counselor sensitivity to the unique needs and experiences of such populations.

CP 6652 Rehabilitation Delivery and Process (3)

A study of the rehabilitation process including historical developments, philosophical bases, and legal aspects, with an emphasis on the operational aspects of rehabilitation service delivery systems.

CP 6654 Sexual Minority Issues in Counseling (3)

Examines essential knowledge and current research on counseling issues that impact Lesbian, Gay, Bisexual, Transgender, Queer, Questioning, Intersex, Asexual, Ally and Two-Spirited populations. Analyzes the historical and current perceptions and concerns that affect LGBTQ1A2S adults, adolescents and children. Examines counseling competencies, developmental models and treatment modalities in relation to these populations' needs.

CP 6655 Practicum General Counseling (3)

This course provides an opportunity for the student to perform, under supervision, a variety of activities that a regularly employed counselor would perform. Practicum provides for the development of counseling skills under supervision. The student must complete 100 clock hours, including a minimum of 40 direct hours of direct service with clients. Experiences are accompanied by regularly scheduled, weekly group supervision designed to provide an opportunity for analysis and evaluation of supervised activity. *Grading system is Pass / Fail. Prerequisite(s): Advisor approval and completion of CP 6600, CP 6610, CP 6642, CP 6649.* This practicum does NOT meet criteria for licensure.

CP 6656 Marriage, Family, and Sex Therapy Counseling (3)

The course is designed to provide the student with a conceptual framework for dealing with marriage, family, and sex problems. Students will be equipped with the skills necessary for working with all members of the family.

CP 6657 Internship: School Counseling (3)

This course provides supervised school-based experience at both the elementary and secondary levels. The school-based experience will be accompanied by regularly scheduled, weekly group supervision with the university supervisor. Course equals 300 clock hours of internship, to include 120 hours of direct student service. *Grading system is Pass/Fail. Prerequisite(s): CP 6650 and advisor approval.*

- CP 6658 Internship: School Counseling (3)**
This course provides supervised school-based experience at both the elementary and secondary levels. The school-based experience will be accompanied by regularly scheduled, weekly group supervision with the university supervisor. Course equals 300 clock hours of internship, to include 120 hours of direct student service. *Grading system is Pass/Fail. Prerequisite(s): CP 6657 and advisor approval.*
- CP 6659 Internship: Mental Health (3)**
This course provides an opportunity to perform under supervision a variety of activities that a regularly employed professional counselor in an agency setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 hours of internship. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6660 Internship: Mental Health (3)**
This course provides an opportunity for the student to perform under supervision a variety of activities that a regularly employed professional counselor in an agency setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6661 Internship: Mental Health (3)**
This course provides an opportunity for the student to perform under supervision a variety of activities that a regularly employed professional counselor in an agency setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6662 Internship: Community Counseling (3)**
This course provides supervised, on-the-job, experiences in Community Counseling. These field experiences are accompanied by weekly supervised sessions. Students must receive individual and group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6663 Internship: Community Counseling (3)**
This course provides supervised, on-the-job, experiences in Community Counseling. These field experiences are accompanied by weekly supervised sessions. Students must receive individual and group supervision. Course equals 300 clock hours of
- internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6665 Internship: Addictions Counseling (3)**
This course provides an opportunity for the student to perform a variety of activities that a regularly employed professional counselor in an Addictions Counseling Treatment setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6666 Internship: Addictions Counseling (3)**
This course provides an opportunity for the student to perform a variety of activities that a regularly employed professional counselor in an Addictions Counseling Treatment setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail.*
- CP 6670 Internship: Rehabilitation Counseling (3)**
This course provides supervised experiences in a rehabilitation setting. The experience will be accompanied by regularly scheduled, weekly group supervision with the university supervisor. Course equals 300 clock hours of internship. Each student must complete 120 hours of direct service with clients. *Grading system is Pass/Fail. Prerequisite(s): Completion of CP 6650 and advisor approval.*
- CP 6671 Internship: Rehabilitation Counseling (3)**
This course provides supervised experiences in a rehabilitation setting. The experience will be accompanied by regularly scheduled, weekly group supervision with the university supervisor. Course equals 300 clock hours of internship. Each student must complete 120 hours of direct service with clients. *Grading system is Pass / Fail. Prerequisite(s): Completion of CP 6670 and advisor approval.*
- CP 6680 Counseling Approaches to Working with Individuals who are Deaf/Hard-of-Hearing (3)**
This course offers students an opportunity to learn the principles of deaf culture and apply medical, psychological, and sociological research/techniques to counseling with individuals who are deaf or hard-of-hearing. *Prerequisite(s): Permission of instructor.*
- CP 6681 Seminar: Counseling Approaches to Working with Visual Impairment (3)**
This course is taken in conjunction with the practicum/internship in rehabilitation counseling, offers students an opportunity to apply medical, psycho-

logical and sociological research/techniques to counseling with individuals who are visually impaired. *Prerequisite(s): Permission of instructor.*

- CP 6682 Leadership and Advocacy: Deaf and Hard-of-Hearing Services (3)**
The purpose of this course is to develop an appreciation for the organization, administration, and coordination of services for individuals who are deaf or hard-of-hearing. Strategies for consulting with various agencies, educating the general public, counseling with individuals who are deaf or hard-of-hearing, and their families as well as approaches for advocating for these populations will be explored. *Prerequisite(s): CP 6652 or permission of instructor.*
- CP 6683 Leadership and Advocacy: Visual Impairment (3)**
The purpose of this course is to develop an appreciation for the organization, administration and coordination of services for the visually impaired. Strategies for consulting with various agencies, educating the general public, counseling with the visually impaired and their families as well as approaches for advocating for these populations will be explored. *Prerequisite(s): CP 6650, CP 6652, PSY 6653. Taken in conjunction with internship.*
- CP 6685 Case Management (3)**
A study of the case management process, including case findings, service coordination, referral and utilization of other disciplines, and client advocacy.
- CP 6686 Job Development and Placement (3)**
A study of the analysis of job development and placement in the rehabilitation process and related fields.
- CP 6687 Job Development, Placement, and Workplace Accommodations for Individuals with Severe Disabilities (3)**
This course is a study of effective job development and placement techniques and workplace strategies in the rehabilitation process for individuals who are Blind, Deaf, Hard-of-hearing, Mentally Ill, and individuals who have Traumatic Brain Injuries, Spinal Cord Injuries, Learning Disabilities, and Multiple Disabilities.
- CP 6691 Research Methodology (3)**
The study and evaluation of research methods commonly used in the social sciences. The course will provide information necessary to understand and apply research processes, synthesize knowledge and writing, and plan and organize research problems for interpretation and application of research results. Application of these skills in the form of a written project using the Publication Manual of the American Psychological Association (APA) is required. Students enrolled in the Counseling Programs are required to take CP 6691 Research Methods at Troy University. This course cannot be substituted with another Troy University research course. However, upon approval, a graduate-level Research Methods course taken at another CACREP-accredited program can be transferred. *A grade of "B" or better is required.*

- CP 7700 Advanced Practicum in Group Leadership (3)**
Supervised training in group leadership, including experiential and didactic activities, focusing on group facilitation. Enrollment restricted to Ed.S. students. *Prerequisite(s): CP 6642 and CP 6650 or equivalents and permission of the instructor.*
- CP 7701 Seminar in Counseling and Student Personnel Work (3)**
Individual readings and conferences, group discussions and reports focusing on the advanced student's special interest in counseling and human development. Emphasizes research findings.
- CP 7702 Advanced Theories and Techniques of Counseling (3)**
An in-depth study of current viable theories of counseling utilizing techniques appropriate for each framework. Some areas to be covered include the cognitive, affective, and eclectic approaches. *Prerequisite(s): CP 6649 or equivalent*
- CP 7725 Advanced Studies in Counseling (1-3)**
A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required.
- CP 7726 Advanced Studies in Counseling (1-3)**
A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required.
- CP 7727 Advanced Studies in Counseling (1-3)**
A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required.
- CP 7740 Theories of Counseling Supervision (3)**
A focus on the theories and techniques utilized in counseling supervision will be studied. Students will experience components of the process involved in the supervisor/supervisee relationship and will be provided with basic supervisory skills. *Prerequisite(s): Advisor Approval*
- CP 7753 Internship: Advanced Counseling (1-3)**
This course provides advanced graduate students with full-time, supervised, on-the-job experience in settings appropriate to their area of specialization. Experiences accompanied by weekly meetings designed to provide opportunities for analysis and evaluation of supervised activity. *Grading system is Pass/Fail.*

- CP 7754 Internship: Advanced Counseling (1-3)**
This course provides advanced graduate students with fulltime, supervised, on-the-job experience in settings appropriate to their area of specialization. Experiences accompanied by weekly online meetings designed to provide opportunity for analysis and evaluation of supervised activity. *Grading system is Pass/Fail.*
- CP 7755 Internship: Advanced Counseling (1-3)**
This course provides advanced graduate students with fulltime, supervised, on-the-job experience in settings appropriate to their area of specialization. Experiences accompanied by weekly online meetings designed to provide opportunity for analysis and evaluation of supervised activity. *Grading system is Pass/Fail.*
- CP 7791 - Research Seminar (1-3)**
This course provides in-depth assistance to prepare students for development of, research for, and preparation of theses or field project proposal.
- CP 7792 Research Seminar (1-3)**
This course provides in-depth assistance to prepare students for development of, research for, and preparation of theses or field project proposal.
- CP 7793 Research Seminar (1-3)**
This course provides in-depth assistance to prepare students for development of, research for, and preparation of theses or field project proposal.
- CP 7794 Field Project (3)**
An independent study of a problem of a practical nature which is encountered in a field setting. A proposal for the study and a written report of the findings must be approved by the student's advisory committee. The advisory committee will administer an oral examination covering the research findings. *Grading system is Pass/Fail. Enrollment limited to Ed.S. students.*
- CP 7795 Thesis (3-6)**
Research for and preparation of a scholarly paper related to a counseling and guidance problem or situation under the supervision of the student's advisory committee. *Grading system is Pass/Fail. Enrollment limited to Ed.S. students.*
- CP 7796 Thesis (3-6)**
Research for and preparation of a scholarly paper related to a counseling and guidance problem or situation under the supervision of the student's advisory committee. *Grading system is Pass/Fail. Enrollment limited to Ed.S. students.*

CRIMINOLOGY

- CRM 5520 Crime Analysis (3)**
The purpose of this course is to utilize analytical methods being used in crime intervention and prevention strategies. The course especially focuses on the analysis of crime in space, time, and individuals (e.g., offenders, targets, and victims).
- CRM 6620 Drugs, Crime, and Justice (3)**
This course provides a comprehensive examination of the drug problem and the link between crime and drug abuse. It describes traditional and modern approaches to solve the problem of drug abuse. The course also discusses and evaluates various criminal justice drug policies and their impacts on society.
- CRM 6625 Evidence-Based Crime Prevention (3)**
This course explores relationships between crime policy and empirical evaluation research. Students will learn to critically analyze empirical evidence regarding specific criminal justice and crime-related policies, identify factors that influence policy making, and describe challenges associated with evaluation research of crime-focused programs.
- CRM 6630 Criminal Justice Policy (3)**
This course provides an in-depth analysis of criminal justice policy and its association with the American Criminal Justice System. It examines the current nature of crime and criminal justice policies and evaluates their effectiveness, outcomes, and implications. Finally, this course discusses some contemporary issues and future trends related to criminal justice policy.
- CRM 6636 Criminological Theory (3)**
An in-depth overview of major criminological perspectives as well as their nature and extent, especially those found in the United States, and an analysis of the etiology of criminal behavior, criminal law, and the societal reaction to criminals.
- CRM 6637 Selected Topics in Criminology (3)**
An examination of a particular subject which is not offered under the normal course offerings. May be repeated (with different topics) for credit. *See semester hours limited list under Course Restriction in General Regulations section.*
- CRM 6640 Seminar in Victimology (3)**
This is a survey of the field of victimology. We shall examine the risks, and consequences of crime for its victims. Issues considered include victim-offender relationships, characteristics of victims, the nature, and consequences of the injuries they experience, and criminal justice response to crime victims.
- CRM 6645 Seminar in Transnational Crime (3)**
This course provides a comprehensive overview of the history of proliferation, and types of transnational crime. The course will also discuss the major issues related to criminal justice policies, national and international approaches to control transnational crime.
- CRM 8809 Professionalization Proseminar (3)**
Focuses on two areas that are key to scholarly and professional success in graduate school but are rarely discussed in a structured setting: 1) publishing in peer-reviewed academic journals; and 2) preparing for the academic job market.
- CRM 8810 Research Methods I (3)**
This course covers topics including reviewing literature, preparing a research proposal, protecting

human subjects, citing scholarly work, developing measures, estimating sample size, and enhancing interviewing and presentation skills.

CRM 8811 Applied Statistics I (3)

This course provides an overview of statistical methods frequently used in the social sciences, with a special emphasis on criminology and criminal justice. It focuses on interpreting results and applying computer-based tools, while also teaching foundational concepts and the application of various statistical techniques.

CRM 8820 Research Methods II (3)

This course covers qualitative approaches (interview strategies, varieties of ethnography, archival and historical methods, etc.) and quantitative approaches (survey methods, experimental designs, secondary data sets, comparative and international data, etc.), and concludes with mixed-method approaches.

CRM 8821 Applied Statistics II (3)

This course explores statistical methods for describing and generalizing data-represented phenomena, with a strong focus on practical experience in data analysis and interpretation using various statistical tools and techniques. Key topics include data visualization, ANOVA, multiple regression, and categorical analysis.

CRM 8822 Seminar in Criminal Justice (3)

This class is a graduate level introduction to the criminal justice system. Focusing on three themes; due process vs. crime control, discretion, and the system nature of criminal justice, students investigate the structure and operations of the criminal justice system in the United States. The class specifically explores the flow of cases across various decision points from the police, through criminal courts, to corrections.

CRM 8823 Seminar in Sentencing and Punishment (3)

Reviews U.S. attempts to punish and rehabilitate convicted law violators. Conflicts among major sentencing purposes (rehabilitation, deterrence, incapacitation, and retribution) are discussed, as well as the effects of different sanctions on public safety, offender rehabilitation, and justice system costs.

CRM 8824 Advanced Seminar in Criminology (3)

This course explores the question of crime causation from various theoretical perspectives in the social sciences. The schools of thought examined include utilitarianism, positivism, human ecology, social structural approaches, social process (learning) theories, labeling theories, and radical-critical (political) perspectives.

CRM 8825 Advanced Seminar in Victimology (3)

The materials presented in this graduate-level seminar provide an overview of key research areas in victimology. Among the goals of this course are to provide students with a critical understanding and appreciation of the development and current state of victimology theory, measurement, and empirical results.

CRM 8826 Seminar in Theory and Practice of Crime Prevention (3)

This course provides insight into the theoretical foundations of various approaches to crime prevention. It begins by exploring how crime tends to concentrate in certain environments and how opportunities for criminal behavior differ across these settings. Theories such as routine activities, crime patterns, and defensible space help explain the environmental factors that influence criminal opportunities. These perspectives are then applied to evaluate the effectiveness of various strategies aimed at reducing opportunities for crime.

CRM 8830 Teaching Practicum (3)

This course provides doctoral students with the skills needed to teach at the college level. It explores research on effective course planning, content organization, and delivery methods. Students will design a mock course and present it to their peers.

CRM 8831 Qualitative Methods Practicum (3)

Designed to deepen students' familiarity with qualitative research strategies and guide them through the initial stages of their Second Year Project requirement, such as developing an original research proposal and/or a research instrument.

CRM 8832 Juvenile Justice and Gangs (3)

This course aims to understand the history and evolution of the juvenile justice system and introduces the challenges that street and prison gangs pose to the mission and operations of juvenile justice in America.

CRM 8833 Community Context of Crime (3)

This course explores the social context of high-crime communities, with a special emphasis on the problems of poverty, joblessness, economic inequality, and racial discrimination. It also examines debates on the causes of these problems and the most effective policies to combat them.

CRM 8834 Cybercrime, Cybersecurity, and Society (3)

Introduces students to the world of cybercrime in the age of globally networked digital and information and communication technologies (ICT). Presents a socio-legal approach to studying cybercrime, cybersecurity, and how it relates to society.

CRM 8835 Globalization and Crime (3)

The course examines how globalization influences the spread of crime across borders and the challenges in developing effective international strategies to address this issue. Key topics include major transnational organized crime activities, terrorism, international crimes, and the impact of political and military influence in failed states on the proliferation of criminal activities.

CRM 8836 Mass Incarceration and Social Inequality in America (3)

This course explores the origins and consequences of mass incarceration and extremely high incarceration rates within particular demographic groups above and beyond historic levels in the U.S. Theoretical explanations for and current policy debates around mass incarceration are covered.

- CRM 8840 Public Policy, Crime, and Criminal Justice (3)**
This course focuses on an increased understanding of crime, violence, and the criminal justice system. Assesses the state of knowledge on key policy issues of our time and discusses the contribution of communities, schools, employment, drugs, guns, and alcohol to crime and violence.
- CRM 8841 Justice Policy and Crime (3)**
This course investigates the development of criminal justice policies and their impact on crime rates in the United States, while also teaching analysts how to evaluate policy effectiveness. Students will examine various policy and social factors influencing crime both in the U.S. and internationally.
- CRM 8842 Crime and Social Deviance (3)**
This course examines major social science perspectives on criminal and deviant behavior. Specific deviant and criminal activities are described and explained using established theoretical frameworks.
- CRM 8843 Anthropology of Law and Crime (3)**
Introduces the anthropological study of law by focusing on the foundations of this subfield, its primary methodologies, and several important topics of inquiry, including policing, immigration, and structural inequalities. Provides an international perspective on law and society.
- CRM 8844 Selected Topics in Criminology (3)**
This course section provides faculty with the opportunity to teach a class on a distinctive criminological topic that isn't usually included in the standard curriculum.
- CRM 8845 Special Topics in Statistics & Data Analysis (3)**
This course offers students the opportunity to learn about unique analytic or statistical topics, such as time series, multi-level models, structured equations, which are commonly used in criminological research.
- CRM 8849 Dissertation (3)**
This course is designed to assist candidates as they complete the development of a dissertation proposal, present the proposal to the committee for approval, conduct a study, analyze, present and discuss data, complete and defend the dissertation. The candidate will be enrolled in this course for a minimum of 12 semester hours. The instructor of record will serve as the committee chair for the dissertation. *(May be repeated)*
- CRM 8893 Independent Study (3)**
Independent research with Criminology, Law, and Sociology faculty.
- CRM 8895 Directed Study (3)**
Directed study with Criminology, Law, and Sociology faculty. *Repeatability: May be repeated for credit unlimited times.*

COMPUTER SCIENCE

- CS 5545 Computer Architecture (3)**
Functional descriptions of the major components of digital computer architectures are explored, explored, such as arithmetic and control units, memory hierarchies, channels and characterizations and interactions of individual major components of small and large computers. Also included are minicomputer architectures, specialized computer architectures, and distributed data processing architectures.
- CS 5549 Analysis of Algorithms (3)**
This course discusses various algorithms that solve problems in computing. Advanced design and analysis techniques are discussed to understand the tradeoffs involving when choosing an algorithm. Topics include but not limited to dynamic programming, graph algorithms, string matching, NP-completeness, approximation algorithm, number theory.
- CS 5550 Operating Systems Principles (3)**
This course discusses what operating systems are, what they do, how they are designed and organized. Topics discussed include process management, storage management, I/O systems, file systems, virtual machines. Applications of these concepts in modern operating systems such as Windows and Unix are presented.
- CS 6610 Advanced Data Mining (3)**
This course delves into advanced techniques and methodologies for extracting knowledge and meaningful insights from large and complex data sources. It covers data mining methodologies, including measurement, evaluation, and visualization, alongside advanced algorithms and applications. Students will learn to address real-world challenges across diverse domains such as business, healthcare, finance, and social networks.
- CS 6615 Foundations of Generative AI (3)**
This course introduces key concepts, models, and applications of generative artificial intelligence. Students will explore models like GANs, VAEs, and Transformers, delve into their theoretical foundations, and gain hands-on experience building and training them. Applications covered include text generation, image synthesis, and creative media.
- CS 6622 Introduction to Cyber Security (3)**
This course provides an introduction to cyber security. Topics include security protocols and cryptography; cyber threats and defenses; attack modeling and risk analysis; cybercrime: cyber law, ethics and policies.
- CS 6625 Specialized Study in Computer Science (3)**
This course involves the study of a problem or problems using research techniques. Selection of problem is to be approved by the student's advisor, instructor, college dean, and Dean of the Graduate School. The study should contribute to a student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in the specialized study courses*

may not exceed three (3) semester hours. The course may not be substituted for a required course. See semester hour limits listed under Course Restrictions in General Regulations.

CS 6626 Specialized Study in Computer Science (3)

This course involves the study of a problem or problems using research techniques. Selection of problem is to be approved by the student's advisor, instructor, college dean, and Dean of the Graduate School. The study should contribute to a student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in the specialized study courses may not exceed three (3) semester hours. The course may not be substituted for a required course. See semester hour limits listed under Course Restrictions in General Regulations.*

CS 6627 Specialized Study in Computer Science (3)

This course involves the study of a problem or problems using research techniques. Selection of problem is to be approved by the student's advisor, instructor, college dean, and Dean of the Graduate School. The study should contribute to a student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in the specialized study courses may not exceed three (3) semester hours. The course may not be substituted for a required course. See semester hour limits listed under Course Restrictions in General Regulations.*

CS 6630 Introduction to Bioinformatics (3)

This course covers the computational methods for analyzing information about the sequence, structure, and function of biological molecules and systems, including DNA, RNA, proteins, metabolites, and other small molecules. Topics include: multiple sequence alignment, Hidden Markov Models, mathematical analysis of phylogenetic trees, physical mapping and assembly of sequences, genome rearrangement.

CS 6632 Computer Vision (3)

Computer Vision is a topic that combines techniques from several different subfields of applied mathematics and computer science. Broadly, computer vision algorithms are used to process, analyze, and understand static and motion picture data. Frequency/time-domain transformations and Machine Learning algorithms serve as the backbone of Computer Vision.

CS 6634 Cloud Computing (3)

This course will cover a wide range of cloud computing related concepts. Topics include but not limited to cloud computing principles, economics, protocols, infrastructures, components, services architectures and implementations. In addition, popular cloud solutions such as AWS, and Azure are discussed. Students will become familiar with the details of the major services related to Compute, Storage, Network and Security.

CS 6635 Image Processing (3)

This course introduces fundamentals and research directions in image processing. Topics include but are

not limited to image representation and description, image transformation and filtering, image enhancement, restoration and reconstruction, image segmentation, image compression, object recognition, as well as image information retrieval.

CS 6636 Data Visualization and Exploration (3)

Science of data visualization and exploration are discussed to understand data. Various visualization methods are compared for their applications and effectiveness. Data visualization techniques are applied to various application domains.

CS 6640 Advanced Database Concepts (3)

This course discusses design and implementation issues associated with relational and object-oriented databases. Topics include E-R modeling, relational modeling, normal forms, data storage, and concepts of object-oriented data modeling.

CS 6643 Theory and Design of Compilers (3)

The formal properties of grammars, lexical and syntactic analysis, macro generators, and code selection are presented. Additional topics include hardware compilers, extensibility of languages, and implementation of simple compilers.

CS 6645 Performance in Analytical Models (3)

The fundamental concepts and structures for understanding the different approaches in analytical structures. Techniques such as Indexing, Distributed Databases, Parallel Queries, Virtualization, Fitness Function Optimization, and Biological Computing will be covered.

CS 6646 Information Systems for Operations and Management (3)

Conceptual and practical foundations of information processing systems' support for management and decision-making functions are examined. Computer system project management, economic and legal considerations of management information systems, systems implementation and evaluation are additional topic areas covered in this course.

CS 6647 Simulation and Modeling (3)

The theory and design of modeling problems, validation and verification of simulation models for dynamic queuing and static Monte Carlo problems are reviewed. Discrete event and continuous simulation models are analyzed. Random number generation used in simulation languages and the implementation of models on computer hardware and software engineering using general purpose and simulation languages represented in this course.

CS 6648 Optimization Modeling (3)

A systems approach is explored as it relates to using various algorithms to solve different classes of managerial problems with a computer.

CS 6649 Special Topics in Computer Science (3)

A series of advanced topics in areas of computer science is offered. The course details a structured discussion of varied subjects to include technological updates, a more intense study of topics covered in other course offerings, and an introduction to

advanced concepts such as artificial intelligence, the theory of computability, and formal languages.

CS 6660 Algorithmic Graph Theory (3)

Theory and algorithms for solving computational problems in graphs and hypergraphs. The topics may include minimum transversals, maximum matchings, trees and bipartite graphs, chordal graphs, planar graphs and graph coloring, hypertrees, chordal hypergraphs, planar hypergraphs and hypergraph coloring, colorability, perfection, and chromatic spectrum.

CS 6661 Big Data Algorithms and Systems (3)

Algorithmic techniques and information system platforms to handle big data are discussed in this course. Topics include but not limited to randomized methods, data stream algorithms, various big data platforms, such as Hadoop, and Spark.

CS 6664 High-performance Computing (3)

This course teaches the methods and technology of high-performance computing and its usage in solving scientific problems. Topics focus on advanced computer architectures, parallel algorithms, parallel languages, performance-oriented computing, and grid and cluster computing.

CS 6666 Computer Graphics (3)

This course covers the theory, design, implementation and applications of computer graphics. Topics include common graphics hardware, 2D and 3D transformations and viewing, basic raster graphics, concepts image processing, modeling, rendering, illumination, shadows, textures, programmable shaders, and animation.

CS 6668 Network Security (3)

The course covers theory and practice of communication security in computer systems and networks. Topics include authentication and access control, virtual networks, shared key encryption, public key encryption, and digital signature.

CS 6670 Applied System Analysis and Design (3)

Introduction to information systems development process. Systems analysis methods, covering activities, tools, and techniques for requirements gathering, modeling and specification. Systems design methods, including activities, tools and techniques for design, with an emphasis on architecture, rapid development and prototyping, and detailed design. Introduces classical approaches such as information engineering as well as object-oriented analysis and design.

CS 6672 Distributed Algorithms (3)

This course will study issues in distributed computing through models, algorithms and bounds, with an emphasis on fundamental problems. Topics in this course will include but not limited to basic models and complexity measures, leader election, mutual exclusion, consensus, fault-tolerance, broadcast and multicast, causality, synchronization, simulations among models.

CS 6674 Network and Information Security (3)

The goal for students in this course is to learn the fundamentals of network and information security. The topics include introduction to network security, basic cryptography, authentication, cipher techniques, attacks and defenses on computer systems, overview of essential concepts and methods for providing and evaluating security in information processing systems, importance of management and administration, social issues such as individual privacy and public policy.

CS 6676 Advanced Computer Network (3)

The goal of this course is to discuss contemporary issues of computer networks such as Wireless networks, Sensor networks, Optical Networks etc. Students are expected to review research papers and work on semester long projects. Topics will cover issues related to network communication protocol stacks and simulation of these computer networks. This course assumes good knowledge of object-oriented programming.

CS 6678 Advanced Artificial Intelligence (3)

Intelligent agents, problem-solving, search, knowledge representation and reasoning, planning, and reasoning with uncertain knowledge. Machine learning. Design and implementation of artificial intelligence systems including expert systems, planning, logic and constraint programming.

CS 6679 Advanced Penetration Testing and Network Defense (3)

This course focuses on modern state of art information system technologies, their security vulnerabilities and possible defense strategies. Topics include but not limited to penetration tools, cyber security strategies, threat intelligence, log analysis.

CS 6680 Advanced Software Engineering (3)

This course covers advanced theoretical concepts of software engineering. Topics include software development models, requirement analysis, project planning and management, software architecture and design, implementation, and testing and validation.

CS 6681 Video Game Design and Development (3)

This course introduces students to digital game design. Broad topics include but not limited to design, prototyping, coding, and testing of digital games. The course emphasizes on the use of modern tools, techniques, and game development engines.

CS 6682 Machine Learning (3)

Introduction to Machine Learning, covering key algorithms in supervised, unsupervised, and reinforcement learning, such as Kernel Methods, Bayesian Networks, Hidden Markov Models, K-Means, etc. The class will also address key concepts and challenges in Machine Learning, such as the bias-variance tradeoff, generalization, regularization, boosting, etc. The course is project-based, with a focus on application in computational biology/bioinformatics. A basic knowledge of statistics and probability is a must.

- CS 6699 Research and Thesis (1-6)**
Guided research in Computer Science results in the preparation of a scholarly thesis. The thesis includes a discussion of the research design and methodology available to plan and conduct a systematic, thorough, critical, interpretive and analytical research in an area appropriate to the interest of the individual student and consistent with the degree program. The course requires students to prepare a thesis within guidelines provided by the faculty member and to defend it before a thesis committee.

DRAMA

- DRA 5543 Theatre History I (3)**
A history of the theatre from the origin of tragedy through English drama of the 17th century. A study of dramatic literature and elements of the theatre designed to enhance the student's appreciation of contemporary theatrical practices in the staging of the "classics."
- DRA 5551 Directing I (3)**
Script analysis and directing principles with studies in the direction of contemporary scenes one-act plays.
- DRA 6625 Specialized Study in Area of Theatre (1-3)**
Under the supervision of the faculty course supervisor, the student may pursue an extensive study of a particular area which fits his/her academic needs but is not available in the regular curriculum. Each proposal must be approved the preceding term by the student's advisor, the faculty course supervisor, and the department chair person. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. See semester hour limits listed under Course Restrictions in General Regulations section.*

EDUCATIONAL ADMINISTRATION & LEADERSHIP

- EAL 6609 Communication and Problem Solving (3)**
This course is designed to develop communication and problem solving skills required for effective leadership of people, processes, and organizations. Emphasis will be placed on verbal, interpersonal, and written communication, group dynamics, conflict resolution and consensus building. Special attention will be given to working diverse populations.
- EAL 6625 Specialized Topics in Educational Leadership (3)**
A seminar concerned with an in-depth examination of one topic that is acutely important to educational leadership. Students are expected to use primary resources, journals, and the Internet to research and discuss the topic. The primary format of the class will be discussion, although group exercises, individual presentations and written response will also be used.

- EAL 6633 Leadership Theory and Practice (3)**
This course deals with the development of knowledge and skills needed for key leadership challenges such as vision, motivation, staff development, inclusive decision making and strategic planning are stress. The concept of leadership is discussed from both a theoretical and practical standpoint. Distinctions between management skills and leadership skills are emphasized. The ethical and moral aspects of leadership are examined.

- EAL 6643 Administration of School Personnel (3)**
This course develops capacities to effectively recruit, coordinate, and develop human resources within an educational environment. Administrative procedures such as facilities management, materials management, and technology management will also be discussed.

EARLY CHILDHOOD

- ECE 5544 Internship Seminar (3)**
This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. This course must be taken concurrently with internship. *Grading system is Pass / Fail.*
- ECE 6618 Designing Prosocial Learning Environments (3)**
An examination of early childhood education learning environments. Program models such as the English Infant School, the Open School, Montessori's Prepared Learning Environment and other selected models will be studied. In addition, techniques for creating, maintaining, and assessing an environment that fosters knowledge construction, integration of technology resources, the development of autonomy, and independence will be examined. Students will investigate and implement these techniques with young children.
- ECE 6620 Inquiries into Physical Knowledge (3)**
The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding about their own questions related to young children's construction of physical knowledge and the facilitation and evaluation of that knowledge construction in the early childhood classroom. In addition, the students will interact with young children through observation and participation in the application of appropriate physical knowledge experiences and the investigation and evaluation of children's construction of knowledge.
- ECE 6622 Parents as Partners in Education (3)**
The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of and develop techniques to strengthen the school-parent relationship while developing mutual supporters for the total development of the young child. Pertinent topics include stress and

children, parents and families in crisis, and helping children cope with the future.

ECE 6625 Specialized Study in Early Childhood Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ECE 6626 Specialized Study in Early Childhood Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ECE 6627 Specialized Study in Early Childhood Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ECE 6628 Inquiries into Literacy Acquisition (3)

This course is designed to explore emergent literacy and the role of developmentally appropriate practices for young children, N-3. The course includes emphasis on: role of the teacher and teaching reading to young children, children and multiple learning styles, the reading process, and developing a developmentally appropriate reading program for young children, N-3.

ECE 6630 Inquiries into Representation (3)

This course is designed to assist graduate students as they investigate and construct knowledge of symbolic representation in all of its form. Topics include children's talk, play, art, writing process, music, movement and construction.

ECE 6631 Historical Perspectives in Early Childhood Education (3)

The purpose of this course is to assist graduate students in constructing a sense of identity with the field of early childhood education through an understanding of the past as a prologue to contemporary thought and practice. The philosophy, history, and impact of education from the time of Plato to the present will be examined with special emphasis on the major influences in early childhood education.

ECE 6632 Authentic Assessment in the Early Childhood Classroom (3)

The purpose of this course is to explore the investigation and evaluation of teaching and learning in the early childhood education program through the use of human and material resources. Purposes, types, and designs for developmentally appropriate evaluation will be examined.

ECE 6633 Integrated Thematic Curriculum (3)

The purpose of this course is to assist graduate students as they construct an operational knowledge of integrated thematic curriculum. The course will focus on theory, planning, implementation, and evaluation of an integrated thematic curriculum. Additionally, issues surrounding the implementation of innovative teaching methodology in traditional settings will be examined. This course serves as the capstone course for the MS ECE program and must be taken as one of a student's final four courses. A grade of "B" or better is required. *Advisor approval required.*

ECE 6634 Inquiries into Logico-Mathematical Knowledge (3)

The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding about their own questions related to young children's construction of Logico-Mathematical knowledge and the facilitation and evaluation of that knowledge construction in the early childhood classroom. In addition, the students will interact with young children through observation and participation in the application of appropriate Logico-Mathematical knowledge experiences and the investigation and evaluation of children's construction of knowledge.

ECE 6635 Program Evaluation in Early Childhood (3)

This course is designed for the education student to examine evaluation in early childhood and elementary education programs. Techniques and procedures concerning the design and implementation of evaluation in the total school program will be investigated.

ECE 6640 Integrating Children's Literature (3)

The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of and develop techniques to incorporate quality children's literature across the curriculum. Pertinent topics include award winning authors and titles found in children's literature among a variety of genre, along with developmentally appropriate techniques for focusing curriculum delivery through quality children's literature.

ECE 6674 Early Childhood Internship Grades P-3 (6)

The professional internship program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester.

ECE 7725 Specialized Study in ECE (1-3)

A study of the problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. *See semester hour limits listed under Course Restrictions in General Regulations section.*

ECE 7760 Leading for Learning in the School Environment (3)

This course is designed to extend the teacher leader from the classroom to the school environment. Students will be provided a study of the processes involved in evaluating school settings and the problems faced by instructional leaders. Major emphasis will be placed on the transition to a teacher leading in the school environment. Characteristics of leading for learning will be explored. Topics that affect today's teacher leaders and positive ways to deal with instructional issues will also be investigated.

ECE 7761 Effective Schools and Teachers (3)

This course is designed to examine the knowledge base for effective schools to enable teacher leaders to develop skills in their own practices. There will be emphasis through in-depth study of the research literature on effective school settings. Students will critically examine, analyze, and evaluate the components and characteristics of effective school environments.

ECE 7762 School Accreditation Process (3)

The purpose of this course is to examine the local, state, regional, and national standards associated with school accreditation. The accreditation process in these areas will be reviewed and analyzed. Students will compare and contrast the different ways schools are accredited. Topics such as: the accreditation process, school self-study procedures, validation/documentation, roles of school personnel, and creating school improvement plans will be investigated.

ECE 7763 Legal Issues and Ethics in Education (3)

The purpose of this course is to allow educational leaders to explore the organizational development and maintenance services required for effective operation of the schools within the legal framework established by local, state, and federal legislative and judicial requirements. Major emphasis will be given

to studying legal issues and community relations. Legal issues and services related to exceptional children will be closely examined. The development of ethical standards, informed legal decision making, and emergency procedures for ensuring safety, as well as the political factors which impact schools, society and community relations will be studied.

ECE 7790 Qualitative Research Methodology (3)

The purpose of this course is to provide graduate students with an introduction to qualitative research methodology. The historical development, rationale, and relationship to quantitative research will be examined. Qualitative research methods will include procedures for selection and sampling and for data collection and analysis. Students will read a variety of qualitative studies and conduct a brief qualitative research project. *Prerequisite(s): Course in research or tests and measurement. A grade of "B" or better is required.*

ECE 7793 Problem Analysis in ECE (3)

A study of processes involved in identifying, framing, evaluating, analyzing, and seeking information about problems. Emphasis is given to information collection and processing. Students will select and analyze a problem related to early childhood education or elementary education. Restricted to students enrolled in an Education Specialist program.

ECONOMICS

ECO 6630 Advanced Macroeconomics (3)

A survey of modern economic theories of the business cycle. The mathematical methods employed in macro and micro-foundations of macroeconomics will also be covered.

ECO 6631 Advanced Microeconomics (3)

A mathematical analysis of consumer choice, firm production decisions, and market exchange. Mathematical methods employed in microeconomics will also be covered.

ECO 6632 Econometrics I (3)

An introduction to regression analysis as employed in cross sectional time series econometrics. The statistical and probability tools required for regression analysis will also be covered.

ECO 6633 Econometrics II (3)

A survey of important regression models employed in econometric analysis. Topics will vary according to the interest of instructor, but could include forecasting models, panel data analysis, limited dependent variable, and spatial econometrics.

ECO 6634 Mathematical Economics (3)

An introduction to fundamental mathematical methods used in economic analysis: overviews of differential calculus, linear algebra, constrained optimization, and comparative statics. Also includes an introduction to mathematical statistics as applied to econometrics.

- ECO 6652 Macroeconomics and Forecasting (3)**
An analysis of the courses of business cycles with the applications of macroeconomic theory and economic forecasting techniques available to the business manager. *Prerequisite(s): All business foundation courses or equivalent.*
- ECO 6654 Labor Economics (3)**
An overview of the forces of supply and demand as related to labor markets; wage determination and resource allocation in U.S. labor market operations; the interrelationship of labor and the national economy, wages, prices, and employment; and labor economics in the microenvironment. An introduction to wage determination policies and strategies in a competitive global marketplace. *Prerequisite(s): All business foundation courses or equivalent.*
- ECO 6655 Managerial Economics for the Global Manager (3)**
A study of the decision-making process of business managers when operating in a global economy. The efficacy of market based approaches to real world problems is considered. Various theories of the firm and managerial strategies are used to study the optimal decision-making rules for business firms when such firms must operate under conditions of uncertainty and in a global environment. Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed.
- ECO 6657 International Trade and Economics (3)**
Principles and problems of international economics, trade theory, international payments, and monetary policies, economic integration, international economic institutions and policies, and contemporary developments in political economy. *Prerequisite(s): All business foundation courses or equivalent.*
- ECO 6658 Special Topics in Economics (3)**
This course examines selected topics in economics that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): ECO 6655*
- ECO 6660 Public Choice (3)**
An analysis of government decision-making using economic models. Topics include voting, the theory of elections, interest groups, rent seeking, bureaucracies, and the organization of legislatures.
- ECO 6661 Austrian Economics (3)**
An introduction to the market process theory of the Austrian School of economics. Topics include spontaneous order, entrepreneurship, the discovery function of the market, information transmission, and the role of time and uncertainty in economic activity.
- ECO 6662 History of Economic Thought (3)**
An analysis of the development of economic thinking and the history of the discipline, including the contribution of major economists and trends in economic analysis.
- ECO 6663 Economic Institutions and Prosperity (3)**
Analysis of the role of institutions in an economic system and an examination of the types of institutions which allow for prosperity, growth, and human flourishing. Theories of institutional change may also be studied.
- ECO 6664 International Economic Development (3)**
Examination of theories and case studies of how nations develop and rise out of poverty. Topics would include the impact of foreign aid, comparative economic systems, and international trade. Specific countries of focus will vary with instructor.
- ECO 6665 Monetary Theory and Policy (3)**
Examination of the role of money, credit, and financial institutions in an economy, and the history of the development of money and financial institutions.
- ECO 6666 Constitutional Economics (3)**
Examination of the role constraints beyond election of government. Normative theories of constitutional constraints and comparative analysis of the performance of constraints will be covered. Theories of constitutional change will be examined.
- ECO 6667 Economics of Public Policy (3)**
Tools of economic theory used in the analysis of government sector policies. Topics will include normative vs. positive theories of government policy, cost-benefit analysis, theories of market failure, and comparative institutional analysis.
- ECO 6668 Advanced Austrian Economics (3)**
Further study of the Austrian theory of the market process. Topics include roles of the equilibrium construct in Austrian versus neoclassical price theory, capital theory, and the Austrian theory of business cycle. *Prerequisite(s): ECO 6661.*
- ECO 6690 Master's Research (3)**
Directed research on a selected topic of economics, with the advice and approval of a faculty advisor, culminating in a research paper of appropriate length and original scholarship.
- ECO 6695 Thesis Hours (1-9)**
Directed research on a selected topic of economics, based on a student's proposal, and with the advice and approval of a faculty advisor, culminating in a research paper of appropriate length and original scholarship. Pass/Fail
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- GIFTED EDUCATION**
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- EDG 6666 Nature and Needs of Gifted Individuals (3)**
This foundation course in the study of gifted education and talent development focuses on understanding gifted individuals, assessment and identification issues in finding gifted students in the schools, models often used to provide education for gifted students and developing support systems for programs for gifted learners.
- EDG 6667 Creativity (3)**
This course in creative thinking in gifted education focuses on understanding creativity and creative

students. This course emphasizes the importance of helping children and adolescents become more self-actualized, creative individuals to better enable them to make important contributions to society.

EDG 6668 Integrating Thinking Skills into the Curriculum (3)

The focus of this course is the integration of critical and productive thinking skills into the curriculum for gifted learners. This course emphasizes an inquiry-based approach to differentiation of the curriculum content for gifted learners.

EDG 6669 Teaching Methods in Gifted Education (3)

This methods course in curriculum development in gifted education focuses on planning, designing, and developing appropriate curriculum for gifted students. This course emphasizes the connection between the needs of gifted learners and the cognitive, affective, social, and aesthetic areas of curriculum experiences.

EDG 6670 Special Populations of Gifted Students (3)

This course examines ways in which teachers can identify and plan for gifted children from special and underrepresented populations with particular emphasis on underachieving students, minority students, and students with physical, emotional, and learning disabilities.

EDG 6696 Practicum in Gifted Education (3)

Supervised experiences related to instruction in gifted education. The application of skills, concepts, and principles acquired in previous courses will be emphasized. *Prerequisite(s): EDG 6666, EDG 6667, EDG 6668, EDG 6669, and EDG 6670, or equivalents, or permission from instructor. A grade of "B" or better is required.*

EDUCATION

EDU 5590 Global Identity: Connecting Your International Experience to Your Future (1-3)

Studying abroad is a transformative experience that has the power to challenge our thinking and our perspective on the world. This course aims to attract students across disciplines, to promote interprofessional development, and to prepare them to expand their understanding of their global identity and communicate their growth in intercultural competence toward their personal and professional development. Students make connections between their study abroad experience and the broader range of skills connected with this experience, to become a competitive member of a global workforce.

EDU 6600 Classroom Management and Behavior Intervention (3)

This course is a study of current theory, research, and practice in psychology, sociology, leadership, and human behavior as related to school age students, the nature of the educational organization, and the role of the teacher in that organization. Emphasis is placed upon the formation of a positive, developmental philosophy for effective management of classroom resources and student behavior as well as

the identification of some appropriate methods and techniques to apply this philosophy.

EDU 6603 Planning for the Classroom (3)

This course provides students with an overview of the K-12 classroom environment and the planning necessary to establish environments that are conducive for learning.

EDU 6606 Current and Emerging Instructional Technologies (3)

This introductory course focuses on current and emerging instructional technologies. The emphasis of this class is on the instructional use of computers, Microsoft Office Instructional Applications, software tutorials, mobile learning, desktop publishing and storyboarding, graphics, hypermedia, social media, and web-based instructional technologies. **Prerequisite(s):** permission of instructor.

EDU 6607 Curriculum Integration of Technology (3)

This course covers the evaluation, selection, and integration of various instructional software and web-based technologies into curricula, taking into consideration teaching and learning styles while relating technologies to instructional settings, diverse models, and developmental levels. Micro-lessons are produced using multimedia-authoring tools. *Prerequisite(s): EDU 6606 or permission of instructor.*

EDU 6611 Educational Technology in the Curriculum (3)

The purpose of this course is to advance pre-service and in-service teachers beyond simple computer literacy and basic understanding of Computer-Based Instructional Technologies. It will focus on more advanced educational use of multimedia and Internet based technologies. The student will explore technologies and learning tools that foster a more learner centered constructivist environment within their specific teaching area. Critical issues arising from the integration of these technologies such as development of interactive environments and new modes of communication and subsequent effects on the definition of learning will also be investigated.

EDU 6613 Principles of Instructional Design (3)

This course focuses on the development of instruction by using the Instructional Systems Design (ISD) approach based on the ADDIE Model. Students will develop the necessary pedagogical skills that will facilitate the analysis, design, development, implementation, and evaluation of instructional needs to synthesize appropriate teaching and learning curriculum.

EDU 6614 Instructional Performance Design Systems (3)

This course introduces students to the Macro Instructional Design Approach and further exposes them to the pedagogies, processes, tools, and techniques of curriculum design and performance improvement. It includes instructional design and development (ID) case study analysis and in-depth discussion of the relevant literature to foster theoretical application and evaluation of instructional design and program development products. *Prerequisite(s): EDU 6613*

EDU 6616 E-Learning Design (3)

A study of various forms of distance learning with emphasis on computer based systems and on-line learning. The course integrates relevant technology including multimedia authoring, web design, and internet delivery systems. The course concentrates on the development of web-based instructional materials and the management of internet-based courses and programs. Students design an educational web-site and develop a strategy to deliver web-based instruction. *Prerequisite(s):* EDU 6606 and EDU 6613

EDU 6617 Graphic Design in Multimedia Instruction (3)

A study of graphic design principles as they apply to the development of multimedia instructional courseware. The course integrates advanced graphics, multimedia authoring and web design software to teach the student relevant technology as it applies to instructional design. Students apply graphic design principles in developing a variety of multimedia instructional products working individually and in teams. *Prerequisite(s):* EDU 6606 and EDU 6613

EDU 6618 Advanced Multimedia Instruction (3)

An advanced course in computer based multimedia interactive course design. The course integrates course design software, multimedia authoring, web design and presentation graphics in the development of a multimedia lesson or course. The course concentrates on the total instructional process culminating complete multimedia class delivered either by disk or internet. Students develop their own video and audio elements learning the complete production process necessary for multimedia instructional products. *Prerequisite(s):* EDU 6617

EDU 6619 Instructional Media (3)

A study of graphic design principles as they apply to the development of multimedia instructional courseware and multimedia interactive course design. The course integrates advanced graphics, multimedia authoring and web design software to teach the student relevant technology as it applies to instructional design. The course integrates course design software, multimedia authoring, web design, social media and presentation graphics in the development of multimedia lesson or course. The course concentrates on the total instructional process in developing and delivering interactive online lessons or courses. Students develop their own video and audio elements learning the complete production process necessary for multimedia instructional process. *Prerequisite(s):* EDU 6606 and EDU 6613

EDU 6625 Specialized Study in Area of Education (1-3)

This course focuses on the study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, the appropriate college dean, and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed 4 semester hours. A specialized study may be substituted for a required course

only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

EDU 6626 Specialized Study in Area of Education (1-3)

This course focuses on the study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, the appropriate college dean, and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed 4 semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

EDU 6627 Specialized Study in Area of Education (1-3)

This course focuses on the study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, the appropriate college dean, and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed 4 semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

EDU 6629 The Master Teacher (3)

This course is designed to assist the beginning graduate student in determining the expectations and attributes of the master teacher. Major emphasis will focus on effective teacher characteristics, skills and practices of teaching, as well as a review of the requirements for National Board for Professional Teaching Standards (NBPTS).

EDU 6630 Teachers and the Law (3)

This course is designed to help teachers become legally literate by providing them with information about the law that affects them, how the legal system works, and how that system can work for them.

EDU 6632 Seminar in Classroom Teaching (2)

This course is an inter-disciplinary seminar course designed for classroom teachers who desire to investigate in depth the techniques, procedures and strategies related to improving learning through improved teaching.

EDU 6645 The Nature of Intelligence (3)

This course provides a description and analysis of the quantitative and qualitative aspects of intelligence. It includes classic and contemporary theories of learning and their relationship to the understanding of individual differences.

EDU 6650 Global Education in the Elementary/Middle School (3)

This course is designed to instruct teachers about the complexities of citizenship in a world community, current issues, and concerns in this field, and methods of globalizing the existing elementary curriculum.

EDU 6653 Educational Evaluation (3)

A study of the basic statistical processes and measures used in education. Analysis of a variety of standardized tests and measurements procedures including construction, use and interpretation. Construction of teacher made tests and measuring devices.

EDU 6655 The Arts Curriculum (3)

This course prepares the teacher to provide a broad-based arts education program that includes history, interpretation, production, and appreciation. Emphasis is placed on utilizing the arts to enrich students learning in all curricular areas.

EDU 6656 Teaching the Bilingual Child (3)

This course prepares teachers to make classroom and instructional accommodations to meet the needs of the bilingual child. It also addresses facilitating home-school partnerships with families of bilingual children.

EDU 6658 Understanding Cultural Diversity (3)

Understanding of culturally different studies, the psychological and sociological factors that influence the counseling, teaching or training, and the employment of the culturally different. Special emphasis is placed on current practices utilized in overcoming the deficiencies in school, home, and work settings.

EDU 6665 Field Project (3)

The content of this course is variable, depending on student interests. The determination of the course content for each student will be made through collaboration between the student, the student's adviser, and the instructor of the course. Students may focus on supervised teaching, action research, or a project with a P-12 school system. *This course is open only to students enrolled in teacher education programs. The field project does not replace the comprehensive exam. Students are required to take the comprehensive exam.*

EDU 6672 The Wiregrass Writing Project (3)

The Wiregrass Writing Project is the local affiliate of the Alabama Writing Project and the National Writing Project. The National Writing Project strives to improve student writing achievement by improving the teaching and learning of writing in the nation's schools. The 165 sites operate on a teachers teaching teachers model. Successful writing teachers who attend this invitational summer institute will examine their classroom practice, conduct research of sound theory supporting particular approaches to the teaching of writing, and develop their own writing skills.

EDU 6680 The Alternative Experience Internship Grades K-6 (3)

This field experience is designed only for students who are admitted to the Alternative Fifth-Year Experience Route Program in Elementary Education. The internship will consist of a minimum of 100 clock hours of instructional experiences in elementary classroom (K-6) settings. *Grading system is Pass/Fail.*

EDU 6682 Internship in Area of Specialization (3)

This field experience is designed for teacher education candidates who hold current graduate-level professional educator certification and desire additional certification in another field and/or level. Experiences include planning, teaching and supervised activities in an approved clinical setting. *Grading system is Pass / Fail. Prerequisite(s): Admission to the Teacher Education Program, completion of all required coursework, and approval from the Director of Teacher Education.*

EDU 6691 Research Methodology (3)

This course is a study and evaluation of a variety of research methods and types of reporting. *(May carry the prefix appropriate to the program of study i.e. SPE, SED, IED). A grade of "B" or better is required.*

EDU 6693 Quantitative Methods of Evaluation of Teaching and Learning (3)

This course is a study of descriptive and inferential statistics commonly used in the literature of psychology and education. Emphasis is placed on the application of statistical method to research design. Instruction deals specifically with measures of central tendency and variability, probability theory, estimation and significance, correlation and regression, analysis of variance, and chi-square. A grade of "B" or better is required.

EDU 6695 Thesis (3)

The thesis must be related to an educational problem or situation. Information regarding the thesis program may be obtained from the Dean of the Graduate School. *This course may be repeated. Grading system is Pass/Fail.*

EDU 6696 Practicum in Area of Specialization (1-6)

The Practicum is supervised experiences related to instruction in area of specialization. The application of skills, concepts, and principles acquired in previous courses will be emphasized. *Prerequisite(s): All Teaching Field courses must be completed.*

EDU 6698 Introduction to Research (3)

This course is designed to assist graduate students as they become competent consumers and producers of educational research. Purposes, designs, and characteristics of quantitative and qualitative research will be examined as students read and analyze a variety of studies. A grade of "B" or better is required.

EDU 6699 Research in Practice (3)

The purpose of this course is to provide graduate students in teacher education programs with an opportunity to design, implement, and write about practical quantitative or qualitative research related to their

own teaching. Joint research projects with P-12 school systems are encouraged. *Prerequisite(s): EDU 6698 or EDU 6653. A grade of "B" or better is required.*

EDU 7706 Environmental Education: Teaching Across the Curriculum (3)

This course is designed to provide an interdisciplinary experience in teaching using an approach designed around environmental education themes. The graduate students will be immersed in teaching across the curriculum using issues related to the environment. The focus will be interdisciplinary and utilize hands-on learning experiences which will help to make learning meaningful and authentic.

EDU 7709 Seminar in Decision-making for Teachers and Educational Administrators (3)

The purpose of this course is to critically examine, analyze, and evaluate American public education in order to frame problems, identify possible causes, seek and collect information, delineate steps to solutions, and generate possible solutions to problems facing schools today. Particular focus will be given to curriculum and instruction, financial, political, cultural, economic ethical and legal policies, and the impact of cultural diversity in American schools. Restricted to students enrolled in an Education Specialist program.

EDU 7725 Specialized Study in Education (1-3)

Study of the problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

EDU 7726 Specialized Study in Education (1-3)

Study of the problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

EDU 7727 Specialized Study in Education (1-3)

Study of the problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A*

specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

EDU 7730 The Teacher Leader (3)

The purpose of this course is to help teachers develop as teacher leaders in their schools. Major emphasis will focus on teacher leader characteristics, skills and effective practices in teacher leadership (recommended as the first course in the ELE/ECE Ed.S. programs).

EDU 7750 Practicum in Area of Specialization (1-3)

The Practicum is a supervised application of the concepts, principles, and skills acquired by the students in previous course work. Students will explore and identify alternative solutions to the problems through group interaction. Students must receive a grade of "B" or better in EDU 7770.

EDU 7752 Practicum in Area of Specialization (1-3)

The Practicum is a supervised application of the concepts, principles, and skills acquired by the students in previous course work. Students will explore and identify alternative solutions to the problems through group interaction. Students must receive a grade of "B" or better in EDU 7770.

EDU 7757 Practicum in Area of Specialization (1-3)

The Practicum is a supervised application of the concepts, principles, and skills acquired by the students in previous course work. Students will explore and identify alternative solutions to the problems through group interaction. *Students must receive a grade of "B" or better.*

EDU 7760 Leading for Learning in the School Environment (3)

This course is designed to extend the teacher leader from the classroom to the school environment. Students will be provided a study of the processes involved in evaluating school settings and the problems faced by instructional leaders. Major emphasis will be placed on the transition to a teacher leading in the school environment. Characteristics of leading for learning will be explored. Topics that affect today's teacher leaders and positive ways to deal with instructional issues will also be investigated.

EDU 7761 Effective Schools and Teachers (3)

This course is designed to examine the knowledge base for effective schools to enable teacher leaders to develop skills in their own practices. There will be emphasis through in-depth study of the research literature on effective school settings. Students will critically examine, analyze, and evaluate the components and characteristics of effective school environments.

EDU 7762 School Accreditation Process (3)

The purpose of this course is to examine the local, state, regional, and national standards associated with school accreditation. The accreditation process in these areas will be reviewed and analyzed. Students will compare and contrast the different ways schools are accredited. Topics such as: the

accreditation process, school self-study procedures, validation/documentation, roles of school personnel, and creating school improvement plans will be investigated.

EDU 7763 Legal Issues and Ethics in Education (3)

The purpose of this course is to allow educational leaders to explore the organizational development and maintenance services required for effective operation of the schools within the legal framework established by local, state, and federal legislative and judicial requirements. Major emphasis will be given to studying legal issues and community relations. Legal issues and services related to exceptional children will be closely examined. The development of ethical standards, informed legal decision making, and emergency procedures for ensuring safety, as well as the political factors which impact schools, society and community relations will be studied.

EDU 7764 Models and Strategies for Instruction (3)

The purpose of this course is to assist education specialist candidates as they explore a variety of instructional models throughout the educational and other learning environments. There will be an emphasis on current research of effective teaching and learning practices. Students will compare and contrast different educational instructional practices and develop set of strategies to enhance the instructional environment.

EDU 7770 Action Research I (3)

This course equips teacher leaders with the knowledge and skills to identify, frame, and analyze key issues faced by schools. Students will explore effective strategies for evaluating and seeking solutions to these challenges through research and data-driven inquiry. The course culminates in the implementation of a research study that addresses a current problem in the K-12 educational environment.

EDU 7771 Action Research II (3)

This course equips teacher leaders with the knowledge and skills to identify, frame, and analyze key issues faced by schools. Students will explore effective strategies for evaluating and seeking solutions to these challenges through research and data-driven inquiry. The course culminates in the implementation of a research study that addresses a current problem in the K-12 educational environment.

EDU 7792 Advanced Research in Education (3)

This course is designed primarily for students planning to prepare a thesis. Particular attention is given to the research techniques related to the types of thesis study the student desires to undertake. (May carry the prefix appropriate to the program of study i.e. SPE, SED, IED). *A grade of "B" or better is required. Prerequisite(s):* This course is restricted to Ed.S. candidates only.

EDU 7795 Thesis (1-6)

Research for and preparation of a scholarly paper related to a school administration, supervision, and/or curriculum problem. The project will be under the direction of the student's advisory committee. *Grading system is Pass/Fail.*

ELEMENTARY EDUCATION

ELE 5544 Internship Seminar (3)

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. *This course must be taken concurrently with internship. Grading system is Pass / Fail.*

ELE 6600 Diagnostic Approach to Teaching Mathematics (3)

The diagnostic/prescriptive component of teaching mathematics will be studied with an emphasis on the interpretation of diagnostic materials.

ELE 6601 The Art of Teaching Writing (3)

Course in which classroom teachers investigate and apply the art of teaching writing via whole language/natural approach. Focus on writing process.

ELE 6602 Seminar in Mathematics Education (3)

This course will look at recent research and publications relative to the teaching of elementary school mathematics. Not only will specific areas selected by the instructor be examined, but the students in the class will have the opportunity to suggest areas of particular interest to them. This course provides opportunities for the student to extend knowledge and skills necessary for developing programs, selecting appropriate methods and employing materials, and evaluating in mathematics instruction, kindergarten through grade 6.

ELE 6603 Seminar in Science Education (3)

This course will examine relevant research and a variety of instructional strategies appropriate in the field of natural science. Emphasis is placed on appropriate instruction and materials including technology for teaching science to students in grades K-6.

ELE 6604 Seminar in Language Arts Education (3)

This course is a seminar for elementary educators desiring to design and implement developmental programs of language arts instruction in view of recent research. An examination of the research in the language arts and current practices in teaching techniques will be pursued.

ELE 6605 Seminar in Social Science Education (3)

This course will examine relevant research and a variety of instructional strategies appropriate in the field of social science. Emphasis is placed on appropriate instruction and materials including technology for teaching social science to students in grades K-6.

ELE 6622 Parents as Partners in Education (3)

The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of and develop techniques to strengthen the school-parent relationship while developing mutual supporters for the total development of the

young child. Pertinent topics include stress and children, parents and families in crisis, and helping children cope with the future.

ELE 6625 Specialized Study in Elementary Education (1-3)
A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ELE 6626 Specialized Study in Elementary Education (1-3)
A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ELE 6627 Specialized Study in Elementary Education (1-3)
A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

ELE 6633 Integrated Thematic Curriculum (3)
The purpose of this course is to assist graduate students as they construct an operational knowledge of integrated thematic curriculum. The course will focus on theory, planning, implementation, and evaluation of an integrated thematic curriculum. Additionally, issues surrounding the implementation of innovative teaching methodology in traditional settings will be examined. This course serves as the capstone for MS ELE program and must be taken as one of a student's final four courses. A grade of "B" or better is required.

ELE 6635 Program Evaluation in Elementary Education (3)
This course is designed for the education student to examine evaluation in early childhood and elementary education programs. Techniques and procedures concerning the design and implementation of evaluation in the total school program will be investigated.

ELE 6640 Integrating Children's Literature (3)
The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of and develop techniques to incorporate quality children's literature across the curriculum. Pertinent topics include award winning authors and titles found in children's literature among a variety of genre, along with developmentally appropriate techniques for focusing curriculum delivery through quality children's literature.

ELE 6650 Mathematics Pedagogy 1: Numbers and Operations and Algebraic Thinking (3)
This course explores essential mathematical concepts in numbers, operations, and algebraic thinking, with a focus on effective pedagogical strategies for teaching early childhood and elementary students. Emphasizing a deep understanding of children's mathematical development, the course covers key topics such as number sense, operations, algebraic reasoning, and the progression of mathematical thinking in young learners. Participants will engage in the assessment of mathematical understanding, learning to identify and address misconceptions. The course also delves into the attitudes and beliefs that shape students' approaches to mathematics, equipping educators with strategies to foster positive mathematical identities and confidence. Through a combination of theoretical frameworks and practical applications, students will be prepared to create supportive and effective learning environments in elementary mathematics classrooms.

ELE 6651 Mathematics Pedagogy 2: Data Analysis, Statistics, and Probability (3)
This course is designed to equip future educators with a comprehensive understanding of data analysis, probability, and statistics, tailored for teaching K-6 grade students. The course emphasizes the application of the Standards for Mathematical Practice, guiding participants to develop the skills necessary to explain and model essential principles in these areas. Through a blend of theoretical exploration and practical exercises, students will learn how to foster statistical reasoning and data literacy among elementary learners. Key topics include the collection, representation, and interpretation of data, understanding probability as a measure of uncertainty, and applying statistical methods to real-world situations. By the end of the course, participants will be proficient in creating engaging and developmentally appropriate lessons that encourage critical thinking and a deep understanding of data analysis, probability, and statistics in young learners. *Prerequisite(s): ELE 6650 or with the permission of the department chair or designee.*

ELE 6652 Mathematics Pedagogy 3: Geometry and Measurement (3)
This course provides future educators with the foundational knowledge and pedagogical skills needed to teach geometry and measurement to K-6 grade students. Emphasizing the Standards for Mathematical Practice, the course covers key concepts such as shapes, spatial reasoning, and the properties and measurement of geometric figures. Students will learn to explain and model these principles, ensuring

that they can create developmentally appropriate lessons that engage elementary learners in critical thinking and problem-solving. Through a combination of theoretical understanding and hands-on activities, participants will explore effective strategies for teaching geometry and measurement, preparing them to foster a strong mathematical foundation in their students. By the end of the course, students will be equipped to develop instructional practices that support young learners in mastering geometry and measurement concepts. *Prerequisite(s): ELE 6650 and ELE 6651 or ECE 6634, or with the permission of the department chair or designee.*

ELE 6674 Elementary Internship Grades K-6 (6)

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. *Grading system is Pass/Fail.*

ELE 7725 Specialized Study in Elementary Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

ELE 7726 Specialized Study in Elementary Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

ELE 7727 Specialized Study in Elementary Education (1-3)

A study of a problem using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Education. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

ELE 7736 Mentoring and Supervision in ELE (3)

This course is designed for the advanced sixth year education student to examine the faculty leadership roles of mentor/supervisor in ELE settings. Techniques and procedures will be investigated.

ELE 7760 Leading for Learning in the School Environment (3)

This course is designed to extend the teacher leader from the classroom to the school environment. Students will be provided a study of the processes involved in evaluating school settings and the problems faced by instructional leaders. Major emphasis will be placed on the transition to a teacher leading in the school environment. Characteristics of leading for learning will be explored. Topics that affect today's teacher leaders and positive ways to deal with instructional issues will also be investigated.

ELE 7761 Effective Schools and Teachers (3)

This course is designed to examine the knowledge base for effective schools to enable teacher leaders to develop skills in their own practices. There will be emphasis through in-depth study of the research literature on effective school settings. Students will critically examine, analyze, and evaluate the components and characteristics of effective school environments.

ELE 7762 School Accreditation Process (3)

The purpose of this course is to examine the local, state, regional, and national standards associated with school accreditation. The accreditation process in these areas will be reviewed and analyzed. Students will compare and contrast the different ways schools are accredited. Topics such as the accreditation process, school self-study procedures, validation/documentation, roles of school personnel, and creating school improvement plans will be investigated.

ELE 7763 Legal Issues and Ethics in Education (3)

The purpose of this course is to allow educational leaders to explore the organizational development and maintenance services required for effective operation of the schools within the legal framework established by local, state, and federal legislative and judicial requirements. Major emphasis will be given to studying legal issues and community relations. Legal issues and services related to exceptional children will be closely examined. The development of ethical standards, informed legal decision making, and emergency procedures for ensuring safety, as well as the political factors which impact schools, society and community relations will be studied.

ELE 7790 Qualitative Research Methodology (3)

The purpose of this course is to provide graduate students with an introduction to qualitative research methodology. The historical development, rationale, and relationship to quantitative research will be examined. Qualitative research methods will include procedures for selection and sampling and for data collection and analysis. Students will read a variety of qualitative studies and conduct a brief qualitative research project. *Prerequisite(s): Course in research or tests and measurement.*

- ELE 7793 Problem Analysis in ELE (3)**
A study of processes involved in identifying, framing, evaluating analyzing, and seeking information about problems. Emphasis is given to information collection and processing. Students will select and analyze a problem related to early childhood education or elementary education. Restricted to students enrolled in an Education Specialist program.

ENGLISH

- ENG 5501 Chaucer (3)**
A study of Chaucer's major poetry.
- ENG 5502 Studies in Medieval Literature (3)**
A study of non-Chaucerian British literature from the Middle Ages, including *Beowulf*, *Piers Plowman*, *Sir Gawain and the Green Knight*, *mystery plays*, *Le Morte d'Arthur*, and other works.
- ENG 5503 English Renaissance Literature (3)**
This course covers English prose and poetry of the 16th and early 17th centuries, with emphasis on Sidney, Spenser, Donne, and Jonson.
- ENG 5504 Milton (3)**
A study of Milton's poetry and major prose.
- ENG 5505 History of the English Language (3)**
A study of the development of English from the Anglo-Saxon period through the present, with reference to the Indo-European background of English.
- ENG 5513 Modern Short Story (3)**
An examination of 20th- and 21st-century short stories.
- ENG 5515 Modern Drama (3)**
A detailed study of selected British and/or American plays written between 1900 and present. Review of production history, subject matter, staging, and dramatic techniques. Several oral and written reports. List of plays may vary with each offering.
- ENG 5516 Nineteenth-Century American Novel (3)**
A study of representative American novels of the 19th century.
- ENG 5526 Modern Poetry (3)**
A study of 20th- and 21st-century poetry.
- ENG 5527 Contemporary American Literature (3)**
An examination of representative American literature from the postmodern period (1960-present), with special emphasis on the diversity of themes, styles, and cultural contexts influencing the literary marketplace. Course readings may vary with each offering.
- ENG 5528 The Age of Johnson (3)**
A study of the works of Samuel Johnson and his most important contemporaries, from about 1745 to 1798.
- ENG 5530 Shakespeare I: The Tragedies (3)**
A study of major and minor tragedies, with some attention to nondramatic poetry. List of plays may vary with each offering.
- ENG 5531 Shakespeare II: The Comedies (3)**
A study of comedies and romances. List of plays may vary with each offering.
- ENG 5532 Shakespeare III: The Histories (3)**
A study of history plays, especially those concerning Wars of the Roses. List of plays may vary with each offering.
- ENG 5533 Literary Criticism (3)**
A study of the major literary critics and their works from classical times to the present.
- ENG 5534 Romantic Period in English Literature (3)**
A study of Romantic prose and poetry with emphasis on the writings of Blake, Coleridge, Wordsworth, Byron, Keats, and Shelley.
- ENG 5535 The Bible as Literature (3)**
This course studies select works for the Bible for their literary qualities, composition and preservation techniques, and the historical factors that determined inclusion or exclusion as a sacred text.
- ENG 5542 Advanced Writing (3)**
An intensive study of and practice in expository and argumentative prose. Requires writing several essays. Some evaluation of other students' writing.
- ENG 5543 Southern Writers (3)**
A study of works by writers from the American South from colonial times to the present.
- ENG 5552 Medieval and Renaissance English Drama (3)**
A survey of drama from the Middle Ages and Renaissance, excluding Shakespeare. Begins with brief study of folk and liturgical origins of drama, includes a few medieval mystery and morality plays, and features Renaissance plays by Heywood, Udall, Kyd, Marlowe, Beaumont, Fletcher, Jonson, and Webster.
- ENG 5557 Form and Theory of Nonfiction Literature (3)**
This course examines the theories behind various forms of nonfiction literature, whether autobiography, biography, the essay, diaries and/or travel writing, with special emphasis on the historical evolution of a particular form. List of readings will vary with each offering.
- ENG 5560 Victorian Poetry (3)**
A study of Victorian poetry, with emphasis upon the works of Tennyson, Browning, Arnold, and Hardy.
- ENG 5561 Victorian Prose (3)**
A survey of the works of major Victorian prose writers, with emphasis upon the works of Carlyle, Newman, Mill, Ruskin, Arnold, and Pater.
- ENG 5562 The Arthurian Legend Through the Ages (3)**
This course will examine the Arthurian legend not only in literary and historical works from its earliest traces in the Middle Ages to the present, but also in

archaeology, the visual and decorative arts (especially painting and sculpture), manuscript decoration, film, music, and opera.

ENG 5565 African American Literature (3)

A study of selected works by significant African American writers from the eighteenth century to the present. Works include poetry, fiction, autobiography, and argumentative and expository prose.

ENG 5568 Methods and Approaches in Second Language Teaching (3)

This course traces the evolution of language teaching from the methods era (e.g., grammar translation method, audiolingual method) to post-methods approaches (e.g., task-based learning, content-based learning, communicative approaches). Students will develop a repertoire of teaching approaches and identify appropriate options for different language teaching scenarios.

ENG 5569 Principles, Techniques, and Materials in Second Language Teaching (3)

This course overviews the teaching principles, techniques, and materials relevant to an interactive approach to second language teaching. Students will expand their teaching repertoire by studying curriculum design, assessment measures, learner variables, techniques for teaching grammar/vocabulary/ four skills (listening, speaking, reading, writing), and sociopolitical contexts for teaching ESL/EFL.

ENG 6601 Seminar in Chaucer (3)

A close examination of two major works of Chaucer and critical responses to them. Special consideration given to Chaucer's language and versification and the medieval social background to his writing.

ENG 6603 Seminar in Shakespeare (3)

A study of selected tragedies or comedies. Examination of various critical approaches. Extensive reading in relevant criticism. List of plays, as well as genre, may vary with each offering.

ENG 6605 Linguistic Approaches to Grammar (3)

Study of American English from point of view of modern linguistic theories. Special consideration given to structural grammar and its possibilities in classrooms.

ENG 6606 Theory and Practice of Analyzing Poetry (3)

A critical study of representative types of poetry, employing several approaches in analytical process.

ENG 6607 The Backgrounds of Victorian Literature (3)

A study of Victorian literature (1837-1900) as it reflects social, economic, political, educational, aesthetic, and religious concerns.

ENG 6608 Shakespeare's History Plays (3)

A study of eight plays, from *Richard II* to *Richard III*, concerning the Wars of the Roses. Supplemental reading in Shakespeare's sources and in twentieth- and twenty-first-century histories.

ENG 6609 The Backgrounds of Nineteenth-Century American Literature (3)

A study of literature (fiction, nonfiction prose, and poetry) as it reflects key issues, ideas, concerns, problems, and trends of the period. May be taught in conjunction with a course in American history.

ENG 6610 The Backgrounds of Twentieth-Century American Literature (3)

A study of literature (fiction, nonfiction prose, poetry, and drama) as it reflects key issues, ideas, concerns, problems, and trends of the period. May be taught in conjunction with a course in American history.

ENG 6613 Theory and Practice of Analyzing the Short Story (3)

A critical study of representative types of short stories employing theoretical approaches in the analytical process.

ENG 6620 Seminar in Restoration and 18th Century Literature (3)

A study of English prose and poetry in the Restoration and early 18th century, with emphasis on Dryden, Behn, Swift, and Pope.

ENG 6625 Specialized Study in Area of English (1-4)

A study of problem or problems using research techniques. Selection of problem to be approved by student's adviser, instructor under whom study is to be done, and director of graduate studies. Study should contribute to student's program. Preparation of scholarly paper required and may involve oral defense. *Total credit for any combination of enrollments in these courses not to exceed four semester hours. A specialized study may be substituted for a required course only one time in student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

ENG 6626 Specialized Study in Area of English (1-4)

A study of problem or problems using research techniques. Selection of problem to be approved by student's adviser, instructor under whom study is to be done, and director of graduate studies. Study should contribute to student's program. Preparation of scholarly paper required and may involve oral defense. *Total credit for any combination of enrollments in these courses not to exceed four semester hours. A specialized study may be substituted for a required course only one time in student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

ENG 6627 Specialized Study in Area of English (1-4)

A study of problem or problems using research techniques. Selection of problem to be approved by student's adviser, instructor under whom study is to be done, and director of graduate studies. Study should contribute to student's program. Preparation of scholarly paper required and may involve oral defense. *Total credit for any combination of enrollments in these courses not to exceed four semester hours. A specialized study may be substituted for a required course only one time in student's program. See*

semester hour limits listed under Course Restrictions in General Regulations section.

- ENG 6630 Survey of SLA for Second Language Teachers (3)**
SLA is the study of how language, social, and psychological factors influence language learning. A range of SLA topics are addressed from the perspective of language teaching: theories of human learning, theories of language acquisition, learning styles and strategies, communicative competence, crosslinguistic influences, and sociocultural factors.
- ENG 6631 Survey of Sociolinguistics for Second Language Teachers (3)**
Sociolinguistics is the study of how social, political, and educational factors affect language use. A range of Sociolinguistics topics are addressed from the perspective of language teaching: literacy, world Englishes, language standardization, language variation and change, multilingual education, language planning and policy, group identity/morality, and regional/social dialects.
- ENG 6632 American Realism and Naturalism (3)**
A seminar stressing critical approaches to the major works of such writers as James, Howells, Twain, Crane, and Dreiser.
- ENG 6635 The Victorian Novel (3)**
The study of the content and techniques of representative novels of the period with some consideration of these novels in relation to significant social, philosophical, and literary needs.
- ENG 6636 The American Renaissance (3)**
A seminar stressing critical approaches to the major works of Emerson, Thoreau, Hawthorne, Melville, Poe, and Whitman.
- ENG 6638 Major American Writers: WWI to Present (3)**
A study of major American writers who represent the various currents in American literature and thought from 1917 to present.
- ENG 6641 Theory and Practice of Grammar Studies (3)**
Advanced studies in descriptive grammar in conjunction with sentence structure and standards of usage. Special emphasis upon current procedures for presenting the various systems of grammar (particularly structural).
- ENG 6642 Theory and Practice of Written Composition (3)**
Advanced studies in expository and argumentative writing. Special emphasis upon procedures for presenting methods for organizing and developing various types of essays.
- ENG 6643 Trends in Children's and Young Adult Literature (3)**
A study of literature at the elementary, middle, and senior high levels. It includes reading the primary sources and studying the research and theory that support the use of children's and young adult literature in the classroom.

- ENG 6648 Studies in the American Renaissance (3)**
A study of the major works of the American Renaissance.
- ENG 6651 Studies in Modern Novel (3)**
A study of selected American, British, and/or European novels of the modern age.
- ENG 6656 Studies in Literacy and the English Language (3)**
Explores the rationale and practices for integrating the study of grammar and composition in the English language arts classroom.
- ENG 6660 Introduction to Applied Linguistics (3)**
This course introduces the main content areas and research practices of Linguistics and Applied Linguistics. Linguistics involves the systems of a language (phonology, morphology, syntax, semantics). Applied Linguistics requires familiarity with these systems for the purpose of researching and teaching the way language is used (e.g., Sociolinguistics, Second Language Acquisition).
- ENG 6665 Studies in African American Literature (3)**
A study of major works by African American writers.
- ENG 6670 Seminar in Selected Topics (3)**
Maximum of two semesters. Study of topic of special interest and importance which is not covered in regularly offered courses for advanced graduate students. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- ENG 6671 Seminar in Selected Topics (3)**
Maximum of two semesters. Study of topic of special interest and importance which is not covered in regularly offered courses for advanced graduate students. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- ENG 6672 Seminar in Selected Topics (3)**
Maximum of two semesters. Study of topic of special interest and importance which is not covered in regularly offered courses for advanced graduate students. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- ENG 6680 Thesis Option in Literature (3)**
An advanced study of a problem or issue in literary studies. Selection of topic must be approved by the student's thesis director, who will oversee the project. Final project must demonstrate knowledge of extant criticism on the topic and should contribute to the student's program. Oral defense of the thesis required before final approval. Recommended for students interested in pursuing doctoral work in literature.
- ENG 6691 Research in Education (3)**
Research strategies for English educators and procedures for evaluating the language arts. ENG 6691 is a for ENG 6696 Practicum. *A grade of "B" or better is required.*

- ENG 6696 Practicum in Area of Specialization, English (3)**
Supervised experiences related to instruction in area of specialization. The application of skills, concepts, and principles acquired in previous courses will be emphasized. *Prerequisite(s): All courses in Teaching Field Component and ENG 6691 must be completed.*

FINANCE

- FIN 6625 Specialized Study in the Area of Finance (1-3)**
Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business foundation courses or equivalent.*
- FIN 6626 Specialized Study in the Area of Finance (1-3)**
Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business foundation courses or equivalent.*
- FIN 6627 Specialized Study in the Area of Finance (1-3)**
Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in the General Regulations section. *Prerequisite(s): All business foundation courses or equivalent.*
- FIN 6631 Global Financial Management (3)**
A comprehensive and advanced study of financial analysis, planning and control techniques for a business entity with emphasis on corporations in a global setting. *Prerequisite(s): Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed.*
- FIN 6632 Investments (3)**
An introductory investments course which identifies and analyzes various forms of investments (such as corporate bonds, common stock, preferred stock) and government securities (such as bonds, notes and bills). The course also includes discussion of the securities market, brokerage functions, and stock exchanges. Particular emphasis is placed on the selection of securities based on the degree of risk and expected rate of return. *Prerequisite(s): Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed, FIN 6631.*
- FIN 6633 International Finance (3)**
An examination of the foreign exchange market, exchange rate determination, international financial institutions, and the management of the risks associated with international business. *Prerequisite(s): FIN 6631.*
- FIN 6634 Derivative Securities (3)**
A study of options and futures markets, with emphasis on the nature of speculative transactions, pricing, and method of trading. *Prerequisite(s): FIN 6631.*
- FIN 6651 Financial Institutions (3)**
A comprehensive graduate study of financial markets and institutions. *Prerequisite(s): FIN 6631.*
- FIN 6652 Problems in Financial Management (3)**
Case discussions used to examine a broad range corporate finance issues and decisions. Topics include forecasting financial statements, capital budgeting, risk and return, estimation of capital costs, working capital analysis and business valuation. *Prerequisite(s): FIN 6631.*
- FIN 6653 Finance Research (3)**
A comprehensive graduate study of practical research in Finance. *Prerequisite(s): FIN 6631.*
- FIN 6656 Analysis of Financial Data (3)**
This course provides a study of the basic methods and techniques of data analysis in finance. It covers tolls such as regression and time series, including non-stationary models, multivariate concepts such as co-integration, and models of conditional volatility. *Prerequisite(s): FIN 6631.*
- FIN 6657 Corporate Risk Management (3)**
This course is a study of the analysis and treatment of the pure risks faced by corporations. The course includes development of the risk management process, analysis and uses of various techniques for managing identified exposures.
- FIN 6658 Special Topics in Finance (3)**
This course examines selected topics in finance that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): FIN 6631.*

GEOGRAPHY

- GEO 5502 International Political Geography (3)**
Political geography course is designed to provide an understanding of political, economic, and social aspects of international relations from a geographical perspective. It examines the ways in which humans have arranged the territory of the Earth's surface. This course concerns itself with the internal and external relationships of politically organized areas. It also explores the effects of political actions on social and economic conditions, and with the significance of geographical factors behind political situations, problems, and conflicts.
- GEO 5503 Conservation (3)**
A study of the conservation of natural and human resources with emphasis on population expansion as the major element in a changing ecology.
- GEO 5506 Urbanism (3)**
A study of the historical, physical, economic, and social evolutions of urbanized areas. Emphasis on contemporary urban problems with implications for policy and planning.
- GEO 5511 Demography (3)**
An analysis of past and present population changes, population characteristics and the interrelationship of population and other social, economic, environmental, and political factors.
- GEO 5512 Geography of Latin America (3)**
This course covers Latin American countries and colonies and their strategic and economic importance to the U. S. *Note: Not open to education majors.*
- GEO 5526 Geography of the Russian Realm (3)**
An analysis of the physical and cultural elements of Russia and the other former republics of the Soviet Union.
- GEO 5535 Historical Geography of North America (3)**
An analysis of the physical and cultural factors in the development of North America from early European settlement to the present.
- GEO 5550 Introduction to Geographic Information Systems (3)**
This course provides an overview of the theory and general principles of geographic information systems (GIS) and hands-on experience in its use. It introduces various methods of geographic data processing and analysis using computer-based mapping software and data gathering techniques, including global positioning systems.
- GEO 5595 Selected Topics in Geography (3)**
This course focuses on a topic of a timely nature and/or special interest. Course may be taken twice for a maximum of six hours toward degree requirements. *See semester hour limits listed under Course Restrictions in General Regulations section.*

- GEO 6625 Specialized Study in Area of Geography (1-6)**
A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

- GEO 6627 Specialized Study in Area of Geography (1-6)**
A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. *Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

- GEO 6650 Geography of the Global Economy (3)**
An examination of the global economy from colonialism to the present. Social, political, and environmental factors associated with the diffusion and intensification of world trade are examined.

GEOSPATIAL INFORMATICS

- GIS 5530 Crime Mapping (3)**
An introduction to analyzing and mapping crime and other public safety data using commercial and open-sourced geographic information system (GIS) software. Students will learn skills to make and analyze maps and will develop a solid foundation and develop further expertise in crime mapping with GIS.

GLOBAL LEADERSHIP

- GLOL 8801 Global Leadership Seminar (1)**
This course is an advanced seminar for doctoral students in global leadership. Candidates will be exposed to a comprehensive examination of the factors that impact global leaders. The course will focus on the development of the students' ability to think critically about the complexity of the direct, indirect, and interactive impact of factors on leading within multinational organizations that operate worldwide. Attention is given to global ethical, diversity, and conflict management, research and practices. The course includes theoretical orientation and theory-to-practice experiences using case studies, demonstrations, guest speakers, and simulations. Written projects will focus on critical thinking, problem solving, decision making and information literacy. *(Course credit is one hour for each yearly seminar for a total of 3 hours credit)*

GLOL 8802 Introduction to Doctoral Study in Global Leadership (3)

In this course the doctoral student explores the rationale for pursuing a doctorate in global leadership within the context of personal preferences, professional competencies and organizational politics. The student is provided an orientation to the doctoral program including expectations and skills required in anticipation of the tremendous demand for performance. Participation skills, professional writing competencies, and analytical ability in a structural collegial environment are required.

GLOL 8803 Global Leadership (3)

Global Leadership is designed to enable doctoral candidates to understand the foundational concepts and develop the analytical skills needed to be an effective global leader in a variety of education and related settings. Candidates will explore their own leadership, personality and cognitive styles and learn how these may affect the performance of others within the organization. This course will build upon fundamental leadership theory and further explore historical and contemporary global leadership theories, models and perspectives. The course will focus on performance-based projects and exercises as well as provide opportunities to individually reflect and write about the concepts explored and skills gained throughout the course.

GLOL 8804 Innovation in Global Leadership (3)

Students will examine innovation through an analysis of theory, measurement, diffusion, strategy, costs, tools, models, applications, benchmarking, and future trends. Global organizations will be studied by analyzing infrastructure for innovation, motivation for innovation by the global leader, the measure of innovation and the use of innovation to promote the competitive advantage of the global organization as well as the role of the global leader in 80 quality growth and innovation, the use of social networks and innovation, and the use of knowledge sharing, adaptation and innovation.

GLOL 8805 Cultures, Values and Ethics in a Global Environment (3)

This course will address diverse, cultural, ethic, social and special populations in the global environment. The changing culture of global higher education; disparate cultural norms across borders, including the importance of values and ethics for the global leader will be considered. The course rests on the assumption that leadership is a subset of ethics rather than ethics being a subset of leadership studies; the ethics of what and who global leaders are, what they do, and how they do it in their changeling environment will be examined. Ethical and cultural issues related to leadership will be assessed through case studies concerning leaders in a variety of contexts and cultures. The course looks at how leaders convey values through actions, language, and as role models

GLOL 8806 Policy and Politics in Global Leadership (3)

In this course the doctoral student is exposed to numerous contemporary issues in the field of global leadership. Candidates will research selected topics to gain a broad perspective of the field of global

leadership as it applies to various organizations and locations. Candidates will evaluate relevant data and draw conclusions and implications based upon the data, research and class discussions.

GLOL 8807 Internship in Global Leadership (3)

In this course the candidate identifies various types of global institutions or global organizations and plans a program of study in another country with the course instructor. Candidates will explore issues, challenges and opportunities through practicum experiences under professional supervision provided by Troy University faculty. *(May be repeated to a maximum of 9 semester hours)*

GLOL 8898 Writing the Dissertation in Global Leadership (3)

The purpose of this course is to begin to prepare students to undertake a major research study, specifically the dissertation. Requirements and expectations of doctoral candidates, as well as technology that can be used will be addressed. This course will assist the doctoral candidate to refine and/or define a dissertation topic and develop the rationale for a particular research agenda. This course is designed to prepare candidates to develop a dissertation proposal for presentation to a committee and to gain the knowledge necessary to complete the dissertation. The outcome from the course is the prospectus.

GLOL 8899 Dissertation (1-3)

This course is designed to assist candidates as they complete the development of a dissertation proposal, present the proposal to the committee for approval, conduct a study, analyze, present and discuss data, complete and defend the dissertation. The candidate will be enrolled in this course for a minimum of 9 semester hours. The instructor of record will serve as the committee chair for the dissertation (May be repeated.)

HIGHER EDUCATION

HEA 8801 Introductory Seminar in Global Higher Education (3)

This course provides doctoral students with an opportunity to examine globalization from the viewpoint of global higher education. Students develop a global perspective and develop their focus a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course examines higher education from the changing context of globalization.

HEA 8802 Global Higher Education Leadership (3)

This course provides doctoral students with an opportunity to examine globalization from the viewpoint of globally competent educators. Students should begin to understand and develop a global perspective and create a focus on becoming a global leader who promotes a global perspective among students and colleagues. This course examines education in the changing context of globalization; surveys educational policy and practices globally; and permits students to study the impact of globalization on education.

HEA 8803 Global Perspectives in Higher Education (3)
This course is designed to examine the role of global leaders in emerging social, economic, and political contexts that are changing the nature of higher education, altering how higher education organizations are viewed, and are transforming how the global leader interacts in a changing environment. A broad range of issues will be explored that are critical to the success of the global leader that can affect relationships and impact organizations. Particular attention will be paid to issues of leadership and management in diverse global organizations.

HEA 8804 Disruption and Innovation in Global Higher Education (3)
In this course doctoral students in global leadership are provided an opportunity to examine disruption and innovation from the viewpoint of global higher education. Students will begin to understand and develop a knowledge of the perceived interrelationship of the two factors specifically influencing higher education in the US and the world.

HEA 8805 Contemporary Issues in Global Higher Education (3)
In this course the doctoral student is exposed to numerous contemporary issues in the field of global leadership. Candidates will research selected topics to gain a broad perspective of the field of global leadership as it applies to various organizations and locations. Candidates will evaluate relevant data and draw conclusions and implications based upon the data, research and class discussions.

HEA 8806 Advanced Seminar in Global Higher Education (3)
This course examines globalization from the viewpoint of global higher education. Students develop a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. This course requires the student to synthesize and apply higher education knowledge through work based in real-life settings.

HISTORY

HIS 5501 French Revolution and Napoleon (3)
An exploration of the major historiographical works and controversies of the French Revolution and Napoleonic era.

HIS 5502 Europe from 1815-1900 (3)
An exploration of the major historiographical works and controversies of European history from the Congress of Vienna to 1900.

HIS 5503 Contemporary Europe (3)
An exploration of the major historiographical works and controversies of 20th century European history.

HIS 5504 Military History of the United States (3)
An exploration of the major historiographical works and controversies of war in American history, from the colonial period through the Vietnam War.

HIS 5505 The Old South (3)
An exploration of the major historiographical works and controversies of the Old South.

HIS 5506 The New South (3)
An exploration of the major historiographical works and controversies of the New South, through the Civil Rights Movement.

HIS 5509 England to 1688 (3)
An exploration of the major historiographical works and controversies of English history through the Glorious Revolution.

HIS 5510 England since 1688 (3)
An exploration of the major historiographical works and controversies of English history beginning with the reign of William and Mary.

HIS 5511 Colonial America (3)
An exploration of the major historiographical works and controversies of colonial America, beginning with European discovery.

HIS 5512 American Revolution and New Nation (3)
An exploration of the major historiographical works and controversies of the American Revolution and the new nation up to 1800.

HIS 5513 Sectionalism, Civil War and Reconstruction (3)
An exploration of the major historiographical works and controversies of territorial expansion, slavery and sectional strife, and the resulting Civil War and Reconstruction.

HIS 5514 Gilded Age and Progressive Era (3)
An exploration of the major historiographical works and controversies of American history between 1877 and 1920.

HIS 5515 Contemporary America (3)
An exploration of the major historiographical works and controversies of American history after World War II.

HIS 5517 Jacksonian America (3)
An exploration of the major historiographical works and controversies of American history from approximately 1800 to 1850, focusing on the Age of Jackson.

HIS 5520 The Vietnam War (3)
An exploration of the major historiographical works and historiographical controversies of the Vietnam War, focusing on the historical period of 1946-1975.

HIS 5521 African American History (3)
An exploration of the major historiographical works and controversies of African American history from the 17th century to the present.

HIS 5522 History of American Gender (3)
An exploration of the major historiographical works and controversies of American gender history from the 17th century to present.

- HIS 5523 American Diplomatic History (3)**
An exploration of the major historiographical works and controversies of American diplomatic history from the 1760s to the present.
- HIS 5530 Civil Rights Movement (3)**
An exploration of the major historiographical works and controversies of the Civil Rights Movement from the late 19th century to the present.
- HIS 5533 Modern Russia (3)**
An exploration of the major historiographical works and controversies of Modern Russia from the development of the revolutionary movements and tsarist reform attempts to the disintegration of the USSR.
- HIS 5537 Interwar and World War II America (3)**
An exploration of the major historiographical works and historiographical controversies of American history from the end of World War I to the end of World War II.
- HIS 5538 The Cold War (3)**
An exploration of the major historiographical works and controversies of the history of the Cold War from its origins to the collapse of the Soviet Union.
- HIS 5540 The History of American Minorities (3)**
An exploration of the major historiographical works and controversies of the history of American ethnic, racial, cultural, social, and religious minorities.
- HIS 5541 American Constitutional Development (3)**
An exploration of the major historiographical works and controversies of American Constitutional development from the 1780s to the present.
- HIS 5542 Renaissance and Reformation (3)**
An exploration of the major historiographical works and controversies of the Renaissance and Reformation.
- HIS 5543 Age of Absolutism (3)**
An exploration of the major historiographical works and controversies of the age of Absolutism during the 16th and 17th centuries.
- HIS 5544 Enlightenment Europe (3)**
An exploration of the major historiographical works and controversies of Enlightenment Europe focusing on the 18th century.
- HIS 5545 Modern Germany (3)**
An exploration of the major historiographical works and controversies of German history from the Revolutions of 1848 to the present.
- HIS 5548 The West in American History (3)**
An exploration of the major historiographical works and controversies of the American West from European contact to the present.
- HIS 5550 Environmental History (3)**
An exploration of the major historiographical works and controversies of environmental history from the 18th century to the late 20th century, emphasizing the post-World War II period.
- HIS 5553 Late Antiquity (3)**
An exploration of the major historiographical works and controversies of Mediterranean and European history during the 3rd through 8th centuries.
- HIS 5564 The Crusades (3)**
An exploration of the major historiographical works and controversies of the Crusades.
- HIS 5567 Medieval Europe (3)**
An exploration of the major historiographical works and controversies of Medieval Europe, the Byzantine and Islamic worlds from the 7th century to the eve of the Renaissance.
- HIS 5574 Modern Eastern European (3)**
An exploration of the major historiographical works and controversies of Modern Eastern Europe from the Revolutions of 1848 through the collapse of the Soviet block and beyond.
- HIS 5595 Selected Topics in History (3)**
An exploration of the major historiographical works and controversies of a designed topic of specific and/or current interest and importance, which is generally not covered in regularly offered courses by the department.
- HIS 6600 Seminar in 19th Century American History (3)**
Study of topics in 20th century American History. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6603 Seminar in 18th Century American History (3)**
Study of topics in 18th century American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6604 Seminar in Modern France (3)**
Study of topics in modern French history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6610 Seminar in Comparative Revolutions (3)**
Study of historical topics of various revolutions, including the American, French, Russian, and other revolutions. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6611 Seminar in 19th Century Europe (3)**
Study of topics in 19th century European history, emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6612 Seminar in 20th Century Europe (3)**
Study of topics in 20th century European history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6613 Seminar in British History (3)**
Study of topics in British history. Emphasis on discussion and student producing a major research paper based on primary documents.

- HIS 6614 Seminar in Contemporary Japan (3)**
Study of topics in contemporary Japanese history from the Meiji reforms to the present. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6615 Seminar in Latin American History (3)**
Study of topics in Latin American history, emphasizing on the 20th century. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6640 Seminar in 17th century American History (3)**
Study of topics in 17th century American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6641 Seminar in Slavery (3)**
Study of topics in slavery, focusing on American slavery. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6642 Seminar in Ethnicity/Race in America (3)**
Study of topics in race/ethnicity in American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6643 Seminar in War and American Society (3)**
Study of topics in war and society in American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6650 Seminar in the History of Science (3)**
Study of topics in the history of science. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6651 Thematic Historiography (3)**
An exploration of the major historical works and historiographical controversies in a specific topic not generally covered by the curriculum. Emphasis placed on discussion and students producing a major research paper. Designed to fulfill the historiography component for the thematic secondary field.
- HIS 6652 Thematic Historiography (3)**
An exploration of the major historical works and historiographical controversies in a specific topic not generally covered by the curriculum. Emphasis placed on discussion and students producing a major research paper. Designed to fulfill the historiography component for the thematic secondary field.
- HIS 6653 Seminar in Gender History (3)**
Study of topics in gender history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6660 Seminar in Holocaust and Genocide (3)**
Study of topics in the history of the Holocaust and genocide. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6665 Seminar in Medieval History (3)**
Study of topics in medieval history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6666 Seminar in Renaissance and Reformation Europe (3)**
Study of topics in the history of the European Renaissance and Reformation. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6667 Seminar in Age of Absolutism and Enlightenment (3)**
Study of topics in age of absolutism and the Enlightenment in Europe. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6670 The Middle East (3)**
An exploration of the major historiographical works and controversies of the Middle East from the rise of Islam to the modern era.
- HIS 6671 Modern East Asia (3)**
An exploration of the major historiographical works and controversies of East Asian history since the rise of imperialist and militarist Japan in Asia in the 1930s. The course focuses on China, Japan, Korea, and Vietnam.
- HIS 6672 Africa (3)**
An exploration of the major historiographical works and controversies of African history, focusing on the 19th and 20th centuries.
- HIS 6673 Colonial Latin America (3)**
An exploration of the major historiographical works and controversies of Latin American history from pre-Columbian times to the independence movements of the early 19th century.
- HIS 6674 Modern Latin America (3)**
An exploration of the major historiographical works and controversies of Latin American history from the early 19th century to the present.
- HIS 6675 History of Mexico (3)**
An exploration of the major historiographical works and controversies of Mexican history from pre-Columbian times to the present.
- HIS 6676 The ABC powers (3)**
An exploration of the major historiographical works and controversies of the Latin American history, focusing on the ABC powers-Argentina, Brazil, and Chile.
- HIS 6677 History of the Caribbean (3)**
An exploration of the major historiographical works and controversies of Caribbean history from pre-Columbian history to the present.
- HIS 6678 Women, Health, and History (3)**
An exploration of the major historiographical works and controversies of women, health, and history in the western world.

- HIS 6679 Infectious Diseases and History (3)**
An exploration of the major historiographical works and controversies of infectious disease in history from the Neolithic revolution to the present, focusing on a specific case study.
- HIS 6680 Teaching College History (3)**
This course examines issues and pedagogy of teaching college level history. Students will produce a course syllabus, develop and present lectures, and develop assessments for their course content. Students will also observe a variety of teaching styles and begin to understand benefits and problems of a variety of course delivery methods.
- HIS 6696 Seminar in Selected Topics in History (3)**
A study of a specific topic not generally covered by the curriculum. Emphasis placed on discussion and students producing a major research paper based on primary sources.
- HIS 6697 Seminar in Selected Topics in History (3)**
A study of a specific topic not generally covered by the curriculum. Emphasis placed on discussion and students producing a major research paper based on primary sources.

HUMAN RESOURCE MANAGEMENT

- HRM 6603 Human Resource Management (3)**
The study of the management of people at work with an emphasis on recruiting, selecting, training and evaluating personnel. The study of the use of technology to streamline HR activities. Must be taken during the first term. *Prerequisite(s): BUS 6600 (if required for admission to the MSHRM program).*
- HRM 6604 Labor Relations (3)**
A broad survey of relevant laws, court decisions, and administrative agency rulings relating to union/management relations. An introduction to the techniques, strategies, and objectives of contract negotiation, collective bargaining, and contract administration. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Prerequisite(s): HRM 6603*
- HRM 6605 Legal Environment of Employment Decisions (3)**
This course is designed to help the student learn the law as it applies to the management of human resources. Its coverage is aimed at preparing human resources professionals to recognize legal problems, to know the legal impact of decisions on personnel matters and to be knowledgeable of the law as it might impact individuals in organizations.
- HRM 6622 Workforce Planning and Staffing (3)**
A study of theory, principles, and legal requirements for effective workplace planning, recruitment, selection, and employment in organizational settings. The course provides an in-depth analysis of tools, techniques and statistical concepts applied to the fundamental HR function of workforce planning and staffing.
- HRM 6623 Talent Development (3)**
A study of concepts and practices critical to identifying employee human resources training and developmental needs and programs critical to ensuring organizational effectiveness. Topics include training needs assessment, design, development and evaluation, coaching and career development, and organizational development. *A grade of "B" or better is required.*
- HRM 6625 Specialized Study in the Area of Human Resource Management (3-6)**
The detailed study of a problem, topic, or issue in Human Resource Management. The course requires preparation of a scholarly paper and oral defense. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Special conditions, restrictions, and approvals apply; contact the Program Directors for information.*
- HRM 6626 Specialized Study in the Area of Human Resource Management (3-6)**
The detailed study of a problem, topic, or issue in Human Resource Management. The course requires preparation of a scholarly paper and oral defense. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Special conditions, restrictions, and approvals apply; contact the Program Directors for information.*
- HRM 6627 Specialized Study in the Area of Human Resource Management (3-6)**
The detailed study of a problem, topic, or issue in Human Resource Management. The course requires preparation of a scholarly paper and oral defense. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Special conditions, restrictions, and approvals apply; contact the Program Directors for information.*
- HRM 6628 Human Resource Management in the Hospitality Industry (3)**
This elective course applies the principles of human resource management to the hospitality industry. It also provides an overview of the hospitality industry and analyzes contemporary issues in the management of human capital in the hospitality industry. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program.*
- HRM 6632 Compensation and Benefits (3)**
This course is designed to provide the student with both the theoretical and practical knowledge to design, administer, and evaluate compensation systems. It addresses the application of both tangible and intangible forms of compensation to attract, motivate and retain employees.

HRM 6635 Employee Relations, Health, and Safety (3)

This course is designed to develop the student's understanding of major employment laws and sound employee relations practices that promote positive employee relationships, employee engagement, and retention. The course examines key employee relations functions such as developing corporate culture, promoting effective organizational communication, advancing diversity, equity, and inclusion, resolving issues of employee misconduct, fostering employee safety, health and wellness, and ensuring legal compliance. *Prerequisite(s): HRM 6603*

HRM 6641 People Analytics (3)

An examination of the metrics, data analysis methods, and data interpretation that are central to creating evidence-based human capital management practices that support business strategy. Applications will relate to the analysis of a variety of human resource functions. While the course takes an applied perspective, basic competency in Excel or SPSS and related statistical techniques (e.g., ANOVA, correlation, regression) is required. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Prerequisite(s): HRM 6603*

HRM 6645 International Human Resource Management (3)

A survey of the theory and practice of human resource management in global firms and issues of cross-cultural communication and behavior affecting organizational effectiveness in culturally diverse environments. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program.*

HRM 6658 Special Topics in Human Resource Management (3)

This course examines selected topics in human resource management that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *For MSHRM students, this elective should be taken after completing 15 credit hours in the MSHRM program. Prerequisite(s): HRM 6603*

HRM 6689 Human Resource Management Internship (3)

Must have less than one year's work experience in the Human Resources Management field, must not be currently employed in any capacity by the firm or organization sponsoring the internship, and must have completed at least 12 credit hours in the MSHRM program prior to the term in which the internship is to begin. Special conditions and approvals apply; contact the Program Director for information.

HRM 6698 Strategic Human Resource Management (3)

This capstone course serves as a review and integration of theories and concepts related to the formulation and implementation of human resource strategies to support business strategies. Students discuss issues, analyze case studies, identify problems and their causes, and propose solutions. *A grade of "B" or better is required. Prerequisite(s): Successful completion of all non-elective HRM courses and a GPA of 3.0 or higher. Under extenuating circum-*

stances, enrollment in HRM 6698 may be permitted with the approval of the Department Chair as long as only one non-elective course has not been completed but is taken concurrently with HRM 6698.

HEALTH SERVICES ADMINISTRATION

HSA 6625 Specialized Study in the Area of Healthcare Management (1-3)

Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program.

HSA 6626 Specialized Study in the Area of Healthcare Management (1-3)

Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program.

HSA 6627 Specialized Study in the Area of Healthcare Management (1-3)

Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program.

HSA 6635 Strategic Management in Health Care Organizations (3)

Focuses on the formulation, implementation, and evaluation of strategy in health care financing/delivery organizations. Emphasizes concepts dealing with industry structure; the strategic management process; achieving and sustaining competitive advantage.

HSA 6680 Health Services Administration and Policy (3)

Focuses on the unique characteristics of the U.S. healthcare delivery system; acquaints students with increased understanding of the context of health services administration and healthcare policy; and

examines key factors and forces impacting total health system performance in the United States.

HSA 6681 Legal and Social Issues in Health Administration (3)

Includes an examination of legal and ethical aspects of contemporary issues associated with the health services administration process.

HSA 6682 Healthcare Planning and Management (3)

This course stresses application of traditional management concepts to a variety of health service operational issues, analyzes similarities and differences in management of health service organization (HSO) and other organizational models, formulates new organizational designs and management practices appropriate to current HSO environments, and evaluates adequacy of new models.

HSA 6683 Healthcare Economics (3)

This course stresses economic analysis applied to the health services sector.

HSA 6684 Managed Care: Origins, Organizations, and Operations (3)

Covers managed care programs, structures, practice models, role of physicians and other clinicians, capitation, cost-accounting and forms of reimbursement.

INTERDISCIPLINARY STUDIES

IDS 6600 Interdisciplinary Studies (1-9)

This course may involve some combination of the following: study abroad, service projects, internships, research, extracurricular activities, field trips, and cultural study and exploration - related to one's discipline. Experiences are designed for personal and professional growth, development as global citizens and global leaders, to enhance academic knowledge, and improve critical thinking skills.

INTERDISCIPLINARY EDUCATION

IED 5544 Internship Seminar (3)

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. *This course must be taken concurrently with internship. Grading system is Pass/Fail.*

IED 6655 Interdisciplinary Internship in Grades P-12 (6)

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a

teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. *Grading system is Pass/Fail.*

INSTRUCTIONAL LEADERSHIP AND ADMINISTRATION

***Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.**

ILA 6603 School Operations & Management (3)

This course presents the skills and knowledge needed for effective school operation. Candidates will demonstrate their ability to promote the current and future success and well-being of each student and adult by applying best practices in management, communication, technology, school-level decision-making, and operation systems. The goal of the course is to improve candidate's ability to make data-informed and equitable educational resource allocations that comply with laws, policies and regulations. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6611 Community Relationships (3)

There are four spheres of influence, (home, neighborhood, community, and virtual) in which today's public schools exist. These arenas exert force upon the schools and at the same time are affected by the school. Because these environments are dynamic, they present school leadership with many challenges and an equal or greater number of opportunities. The purpose of this course is to show school leaders how to provide the resources that the stakeholders need in each of these arenas. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6613 Legal Dimensions of Education (3)

Public schools are among the most regulated industries in the United States. Constitutional, Legislative, and Judicial mandates control everything from the length of the school day/year to who is qualified to teach. This course will examine the legal precedents that impact instructional leaders. Distinct attention will be given to special education law, Constitutional freedoms, personnel and civil law and to federal and state mandates related to student accountability. The candidate will need to understand how to manage uncertainty, risk, competent initiatives, and politics of change for continuous improvement. This course teaches students how to develop and administer systems that are fair and equitable management of conflict for the P12 student, faculty, staff, leaders, family, and community. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6614 Ethics & Professional Responsibilities (3)

Public schools are among the most regulated industries in the United States and to a certain degree so are the people who work in them. Holding educators to a higher standard than others should not come as

a surprise. The primary focus of the course is how the leader serves as an ethical role model and decision-maker. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6633 Instructional Leadership (3)

The success or failure of the school largely depends on the effectiveness of its leader in defining a mission, a professional set of core values and the implementation of the vision. For this reason, increased attention is being placed upon the preparation of the school leader. This preparation includes not only the professional knowledge but the professional dispositions-ethics and core values necessary to successful leadership. With this in mind, leaders must be able to not only manage the physical plant but also create an environment where students can learn. This course will provide program completers with the knowledge and skills necessary to lead a 21st century school but also give them tools and processes critical to the development of a mission, vision, and core values that will insure high-quality instruction and increased learning. In addition, the course will examine the strategies that are critical to continuous improvement. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6643 Human Resource Administration (3)

From a budgetary perspective, the most important aspects of education are those things, which get the most funding. In a typical budget, personnel (salaries and retirement) receive about 80% of the expenditures. This course will deal with the selection, staffing and development of all school personnel. Special attention will be given to the legal issues relating to human resource management. The candidate will learn how to establish a professional culture driven by a shared vision, goals and objectives for the well-being of every student while setting high expectations, ethical, and equitable practices, collaboration, integrity, and continuous improvement. Using collaborative practices and professional feedback, the candidate will examine the applicability of roles, trends, and research in order to improve the execution of strategic plans for managing staff resources related to school improvement and student learning. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6658 Working with Diverse Populations (3)

According to recent demographic predictions, the American classroom will continue to increase in diversity. According to some estimates, within the next 20 years ethnic minorities will become the majority. To succeed in this changing world, instructional leaders must be prepared to lead a diverse learning environment. This course will provide instructional leadership candidates with the skills, abilities, dispositions, and strategies to foster learning environments where all children including those with special needs, can experience success. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6684 Curriculum and Instructional Strategies (3)

Which instructional practices support the highest gains in student achievement? If one reads the publicity associated with new programs, they all do! How is the busy instructional leader to know how to separate the genuine instructional practice from the fad? This course examines the current research that supports student learning and engagement. In order for instructional leaders to promote effective learning environments, they must be able to understand, identify, and apply effective learning theories, research-based instructional strategies and methodologies. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6685 Assessment & Intervention Strategies (3)

This course is a review of assessment strategies. It will include statistical processes used in data analysis. Various standardized tests and measurement procedures will be analyzed. Test construction and interpretation of teacher-made tests will be a prominent part of the course. Particular importance will be given to research-based intervention strategies. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 6699 Residency (3)

The purpose of this course is to provide instructional leadership candidates with an opportunity to lead school-based experiences at the elementary, middle, secondary grade levels for a period of 10 consecutive days. Supervising these experiences are the full-time university faculty members and approved local mentors. The intern will gain hands-on knowledge of school operations. Candidates should expect to spend some hours in clinically related activities as part of this course.

ILA 7700 Developing and Promoting Core Values (3)

Developing and Promoting Core Values is a foundational course within the Educational Specialist Degree Program. This course is designed to empower educators with the knowledge and skills necessary to cultivate a values-driven educational environment. This course offers a dynamic and interactive learning experience that combines theoretical insights, practical applications, case studies, and group discussions. Students will be encouraged to analyze real-world scenarios and apply their knowledge to promote a values-driven educational culture. By the end of the course, participants will be equipped with the skills and tools necessary to lead and inspire educational organizations.

ILA 7702 Diverse Populations and Involving Parents and Community Stakeholders in the School Setting (3)

The course is designed to provide current and future district-level instructional leaders with an in-depth exploration of inclusiveness, equity, and cultural responsiveness by focusing on research-based methodologies that foster equitable and inclusive educational environments. The outcome of these strategies is to promote active engagement with diverse student populations, parents, and community stakeholders. By the end of this course, candidates will be equipped with the knowledge, skills, and strategies

necessary to create and sustain inclusive, diverse, and community-engaged educational environments.

ILA 7703 Law, Ethics, and Policy Development (3)

This course considers the relationship between policy and school operations. The candidate will have the opportunity to explore firsthand the creation, development and evaluation of policy, specifically educational policy. A review of ethics and the law will help to understand the role that policy plays in the daily affairs of education.

ILA 7717 Role Models in Teaching and Learning (3)

The purpose of this course, Role Models in Teaching and Learning is to equip the candidate with the skills, methods, and techniques to design district level mentoring programs. This course will provide educational specialists with the necessary knowledge to assist building-level leaders in becoming effective role models in the field of teaching and learning. This course explores the critical role of instructional leaders at the district level in shaping and enhancing the educational experiences of students, teachers, and the wider community.

ILA 7740 Andragogy and the Professional Learning Community (3)

The focus of this course is on the creation of an effective learning environment for adult learners. The adult learner has different needs when it comes to professional learning and they bring different abilities to that learning environment. This course will examine the research and strategies related to Andragogy with the purpose of creating professional learning communities that are conducive to adult learning. Candidates will be provided with the knowledge, skills, and techniques to develop instructional materials for the adult learner within a school district.

ILA 7746 Organization and Human Resource Development (3)

The greatest asset any organization possesses is its employees. Current research indicates that organizations routinely report 80% of the expenses go to employee compensation. This figure underscores the need for skills to increase the performance of this very important asset. This course examines the leadership of human resources and what it takes to create an environment where employees can thrive.

ILA 7791 Current Trends and Issues in Instructional Leadership (3)

Examines the trends and issues that arise impacting educational policy. Emphasizes group and individualized integration of theory and application of professional knowledge toward a given trend and / or issue affecting public education from a national, state, or school-based level.

ILA 7792 Advanced Comprehensive Research Strategies (3)

This course is designed to provide a comprehensive exploration of research methodologies used in educational research. It covers the principles and practical application of quantitative, qualitative, and action research methods. The primary objective is to equip participants with the knowledge and skills required

to conduct rigorous research in the field of education, particularly with the aim of enhancing a district's instructional services.

ILA 7793 Program Evaluation (3)

The purpose of this course is to provide future district instructional leaders with a comprehensive understanding of the critical process of program evaluation. In the realm of education, the allocation of public funds necessitates a responsible and accountable approach to ensure the efficacy and efficiency of educational programs. This course equips you with the knowledge and skills to evaluate programs rigorously, ensuring they meet their intended objectives and deliver optimal results

ILA 7794 Research in Action (3)

The purpose of this course is to provide instructional leaders with a study of the processes involved in identifying, framing, evaluating, analyzing and seeking information about problems faced by schools. The goal for the student is to propose a research and implement a study that examines a problem currently impacting the K-12 school setting.

ILA 8801 Global Visionary Leadership (3)

Global educational leaders need to have vision, continuously learn, take risks, be decisive and ethical, understand and care about people in the organization, and empower the organization's workforce to be creative and take ownership of their jobs. Focus areas include the role of being a global visionary leader, examination of leadership styles, strengths and limitations of effective leaders, as well as qualities of leadership that are needed in crisis.

ILA 8802 Global Finance and Governance (3)

The course addresses global educational finance and governance. Global educational policy, as a part of global finance is a focus, as the social and political positions of leaders and public influence governance specifically in planning, development and implementation of the finances including budgeting, purchasing, human resources, and business management.

ILA 8803 Global Educational Law (3)

This course will focus on global education-related litigation and the implications for global educational leaders as well as related changes in policies affecting the global educational environment.

ILA 8804 Global Human Resources (3)

This course examines the principles of human resources in the global educational world. Topics include global leadership in terms of planning, organizing, staffing, directing, controlling, communication, decision-making, priority setting to meet global organizational and institutional goals. The course also examines tools and techniques for selection, training, compensation, and performance appraisal in different countries. Focus areas include knowledge of diversity in the workplace, cultural values, ideals, principles, ethics, and the role of global educational leadership.

ILA 8805 Analysis and Design of Global Educational Systems (3)

This course examines the analysis and design of global educational systems including the structure and infrastructure of technology used in face-to-face and distance education. The course will emphasize evaluative processes such as strategic planning and needs assessments for global educational systems that lead to improved student achievement.

ILA 8806 Advanced Seminar in Global Instructional Leadership and Administration (3)

The focus of the seminar is related to phenomena and processes in global educational systems. There is a focus on the interaction between leadership and culture, approached as a set of norms, a set of related practices, language and values, that marks gender, resilience, racial and ethnic groups, countries, and national and transnational social movements; why certain leaders and leadership styles have evolved; the roles of social movements, changes in societal views regarding leadership and what resources, if any, it offers global leaders. Students chose a topic in educational leadership at the international level and research their topic, construct a literature review, and complete a final project on the topic related to their dissertation.

INTERNATIONAL RELATIONS

IR 6600 Selected Topics in International Relations (3)

An examination of a specifically defined topic of special and/or current interest and importance, which is not covered in regular course offerings in the International Relations program. A selected topic in International Relations course can only be used as an elective in the program. See semester hour limits listed under Course Restrictions in General Regulations section.

IR 6601 Research Methods in International Relations (3)

An investigation of the research methodologies employed in the study of International Relations including research design, variables and hypotheses, citations and reference, qualitative analysis and quantitative techniques. *Note: IR 6601 must be taken within the first six classes. MSIR candidates must achieve a grade of "B" or better in IR 6601 to complete degree program requirements. Prerequisite(s): Students must have completed IR 6603 prior to enrolling in the class.*

IR 6602 Geostrategic Studies (3)

An examination of the political, military, economic and cultural effects of geography in historical and contemporary terms: specific emphasis is placed on the role of geography in the formulation of military-political policy in land power, sea power, airpower, and outer space. Comprehensive geopolitical theories will be employed as analytical tools in the course.

IR 6603 Introduction to International Relations (3)

A survey of the discipline of International Relations (IR) introducing IR theory, power, national interests, instruments of foreign policy, international law and

organizations, international political economy, comparative government, and research methodology.

IR 6610 International Organizations (3)

An examination of the evolution and functions of international organizations; political structures and international systems for the collective use of power and cooperative action among states; and the impact of international Non-Governmental Organizations (NGO) and other types of transnational relations and organizations on global affairs.

IR 6611 Comparative Government (3)

A comparative analysis of state governments in the world with an emphasis on political cultures, governmental institutions and political processes that lead to differences and international tensions.

IR 6614 International Law (3)

An examination of the sources and development of international law from historical, political, legal, and philosophical standpoints, with emphasis on substantive areas of law.

IR 6615 Comparative Politics of North Korea (3)

This course examines North Korea politics, economics, and society. The course will review the establishment of the North Korean state and its contemporary political institutions, as well as the economy and state-society relations. While North Korea will be viewed through theoretical lenses, the course will address practical policy dilemmas when dealing with North Korea.

IR 6616 East Asian Security (3)

This course provides an examination of East Asian security issues using international relations and comparative politics theories. Topics include nuclear proliferation in North Korea, military upgrades in China, territorial disputes, rising nationalism, Association of Southeast Asian Nations (ASEAN), and the United States' role in the region.

IR 6617 Chinese Security (3)

China's rise in the international affairs has given Beijing a means to advance its global interests. This course will consider China's vulnerabilities and interests and consider the government's response. This course examines Beijing's identity and interests and then moves on to consider the strategic elements that determine China's policy responses. This course examines China's access to energy, food, and raw materials, currency and trade exposure, military modernization, and Beijing's instruments of power.

IR 6618 Chinese Intelligence in International Relations (3)

Understanding Chinese Intelligence is a critical strategic element for the United States and its allies. We begin with a classical and strategic examination of Chinese espionage and look at its historical development. We will examine Beijing's cyber strategy, capacity, and strategic use and look at industrial espionage. Finally, we will examine counter-intelligence and assess overall Chinese intelligence capabilities.

- IR 6620 International Political Economy (3)**
An examination of the interrelationships between international politics and economics covering theories of International Political Economy, states and markets, trade, foreign investment, international monetary affairs, foreign aid, state development strategies, and globalization.
- IR 6621 East Asian Political Economy (3)**
This course provides an examination of East Asian political economy issues using international relations and comparative politics theories. Topics include economic development in Japan, China, and on the Korean Peninsula, economic development and democratization, regional and global economic integration and discussion of the relationship of economics to security in the region.
- IR 6622 European Security (3)**
This course provides an examination of European security issues using international relations and comparative politics theories. Topics include political and military integration, examining both NATO and the European Union, NATO expansion, relations between Western Europe and Russia, European peace-keeping, the United States-Europe relationship, and comparative security and foreign policy.
- IR 6623 Arab-Israeli Security (3)**
This course focuses on the Arab-Israeli conflict since 1948 with a special focus on the challenges to conflict resolution on both the Arab and Israeli sides and the role great powers play in Middle Eastern politics. The course will begin by examining the major historical events from the birth of Israel to the present day. Attention will be given to important groups, events, movements that will allow the complexity of this relationship to come to light. Additionally, the course will focus on the relationship between the West, particularly Europe and the United States, and the Middle East.
- IR 6624 Geopolitics of Eurasia (3)**
This course provides an examination of geopolitical issues and power politics across Eurasia. Topics include the Putin Doctrine, Russian regional hegemony and the legacy of the Soviet Union, regional integration, the role of natural resources in power politics, and the increasing prominence of Central Asia in international politics.
- IR 6625 Specialized Study in International Relations (3)**
A study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the department chair. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *A specialized study may be substituted for a required course only once in a student's program. It may, however, be substituted for one or two electives. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): IR 6601.*
- IR 6626 Specialized Study in International Relations (3)**
A study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the department chair. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *A specialized study may be substituted for a required course only once in a student's program. It may, however, be substituted for one or two electives. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): IR 6601.*
- IR 6627 Specialized Study in International Relations (3)**
A study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the department chair. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *A specialized study may be substituted for a required course only once in a student's program. It may, however, be substituted for one or two electives. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): IR 6601.*
- IR 6628 International Political Geography (3)**
An analysis of the reciprocal effects of geography and political organization on the behavior of states including boundaries and frontiers, national resources, spatial strategy and maritime power.
- IR 6631 Intercultural Relations (3)**
An analysis of the influence of culture on interstate relations including theories, concepts, and applications.
- IR 6632 Arctic and Antarctic Security (3)**
The course focuses on development and security in the most northern and southern regions of the world. The economic importance of polar politics has increased due to international competition for natural resources resulting from global growth in population and industry. The strategic importance of the Arctic and Antarctic has increased due to easier access resulting from warmer weather and stronger ships. The combination of competition and access has heightened the danger of environmental degradation and military conflict in these two previously neglected regions. *Note: This course is listed in the Graduate Catalog as an elective in two concentrations: Global Studies and National Security Affairs. It may also be taken as a "remaining elective" in the Regional Affairs concentration.*
- IR 6634 Revolutions and Change (3)**
Revolutions have upended the politics of many countries over the past two centuries, from the American and French Revolutions of the eighteenth century to the Arab Spring and the Color Revolutions of the past twenty-plus years. This course examines the process of revolutions across the modern world, along with prominent theories of revolutions. It also dissects the ways by which major political change comes about, such as through popular movements

("People Power"), revolutions from above organized elites, negotiated ends to authoritarian regimes, and democratization in its various forms. It also considers the fall of democracies. Finally, the course looks at the relationship between cultural and political changes, in terms of the various social, business, and scientific upheavals (also popularly called revolutions) that have transformed modern societies.

IR 6635 National Security Policy (3)

An examination of the structures, motivations, and major objectives of national security policy making from a comparative perspective with particular emphasis on the politics of national defense in the United States.

IR 6636 Diplomacy (3)

This course provides an examination of diplomacy in International Relations, viewed from both theoretical and practical perspectives. Topics will include fundamentals in the practice of statecraft, including negotiation and conflict resolution, and the difference between public and private diplomacy, ethics and morality in diplomacy, and the continually evolving nature of diplomatic practices.

IR 6637 Counter Insurgency and Irregular Warfare (3)

This course examines the development of Irregular Warfare (IW) since the Second World War. Various aspects of this type of warfare will be examined from the counter-insurgency (COIN) to Foreign Internal Defense (FID) conducted by three democracies: Britain, France, and the United States will be discussed. The central focus of this course will be American IW. Further, Irregular Operations on land, air, and sea will be thoroughly analyzed. There will also be a discussion role of technology in these type of conflicts.

IR 6638 European Political Economy and the European Union (3)

This course provides an examination of European political economy issues using international relations and comparative politics theories, with specific attention to the European Union. Topics include models of economic and political integration, the evolution, development, structure and function of the E.U., and economic relations between E.U. countries and the world.

IR 6639 Russian Security (3)

In 2014, events in Ukraine shocked the world. Russia became the first major country since World War II to forcefully invade another country and assimilate new territory. The Crimean crisis and the resulting civil war in Ukraine in which Russia took an active role not only surprised the rest of the world, but also surprised Russian security experts. This class looks at the evolutions of Russian security following the collapse of the Soviet Union. It examines a resurgent Russia and its security needs. Further, this class analyzes whether the world has entered another Cold War with Russia.

IR 6640 Government and Politics of Developing Nations (3)

An analysis of the government and politics of developing states including economic, social, and cultural perspectives and strategies pursued for growth and development.

IR 6641 Comparative Politics of Latin America (3)

An examination of Latin American politics, legal systems, economics, culture, military power, geography, and their impact on Latin American regional relations and linkages to the world system.

IR 6642 Comparative Politics of Russia and Eastern Europe (3)

An examination of Russia and Eastern Europe's politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.

IR 6643 Russian Intelligence in International Relations: From the KGB to the FSB (3)

The election of 2016 in the United States was unique in that all of the United States Intelligence agencies claimed that the Russian Federation had tried to influence the presidential election in favor of Donald Trump. This technique of hybrid war is nothing new to Russian intelligence agencies. In fact, the Russian intelligence agencies have consistently been honing their skills to act as an efficient wear in the security of the Russian Federation. This class will examine the history of the Russian Intelligence services, their decline during the initial post-Soviet period, and their meteoric resurgence following the ascension of Vladimir Putin, himself a Russian Intelligence operative, to the presidency of the Russian Federation.

IR 6644 Comparative Politics of the Middle East (3)

An examination of Middle East politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.

IR 6645 Comparative Politics of East Asia (3)

An examination of Asian politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.

IR 6646 Comparative Politics of South Asia (3)

An examination of the intrastate and global relationships of South Asia; the course will focus on India and Pakistan, but also cover Bangladesh, Sri Lanka, and additional states in South Asia to engage the student in the security, political, cultural, and social aspects of the region.

IR 6647 Comparative Politics of Western Europe (3)

An examination of Western Europe and the European Union, including state and EU politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.

IR 6648 Comparative Politics of Sub-Saharan Africa (3)

An examination of Sub-Saharan politics, legal systems, economics, culture, military power, geo-

graphy, and their impact on regional relations and linkages to the world system.

- IR 6649 Cyber Warfare and International Relations (3)**
This course introduces students to the literature and methodological approaches related to the study of cyberwar/cyberterrorism and international relations. Topics covered include: Targeting, Weapons, Tactics, Defense, International Law and Policy, Digital Authoritarianism, and a study of selected cases.
- IR 6650 Environmental Security, Conflict and Development (3)**
An analysis of how environmental issues such as resource scarcity, desertification, loss of biodiversity, global warming, etc., may influence development and/or affect the national security of nation-states, communities and individuals. The course also examines the evolution and function of global environmental governance institutions including international organizations (IGOs), transnational non-governmental organizations (NGOs), and legal/ regulatory structures.
- IR 6651 Contemporary American Foreign Policy (3)**
An examination of the foreign policies processes of the United States including historical traditions, political institutions, economic and military capabilities, the Congress, the Presidency, interest groups, the media, and public opinion.
- IR 6652 International Relations Theory (3)**
An examination of historical and contemporary theories in international relations; the role of political, economic, ethnic, religious and other belief systems or philosophical approaches within the global system.
- IR 6655 International Conflict Management (3)**
An analysis of responses to international conflict and approaches to establishing peace and peacekeeping at the local, national, and global levels to include theoretical constructs about conflict management techniques such as mediation, negotiation, escalation, de-escalation, termination, and outcomes.
- IR 6656 Strategy (3)**
An examination of how nations use political, military, and economic resources to achieve their objectives in the international arena.
- IR 6657 Middle Eastern Security (3)**
This course provides an examination of Middle Eastern security issues using international relations and comparative politics theories. Topics include conflict between Sunni and Shi'a Muslims, conflicts involving ethnic and religious minorities such as Kurds and Druze, democratization, relations and tensions with the West including recent military and development operations, and Saudi Arabia's "special relationship" with the United States, and conflict involving non-state actors, and nuclear politics with Iran.
- IR 6658 Middle Eastern Political Economy (3)**
This course provides an examination of Middle Eastern political economy issues using international relations and comparative politics theories. Topics

include the politics of oil, the role of Islam, the legacy of colonialism in economic development, the impact of globalization on economics in the region and the potential for economic reforms.

- IR 6659 Russian Hybrid Warfare (3)**
This course opens with a historical and conventional examination of hybrid warfare and considers how it is employed by Russia against the West. It looks at the place hybrid warfare has within the Russian strategic framework and considers its dimensions and how it is manifested in particular regions.
- IR 6660 Military Strategy and International Relations (3)**
An examination of the core ideas of classical and contemporary military strategists, the international context that inspired their strategic concepts, and a review of the interaction and influence of armed forces and their leadership and strategies on national security policies and interstate relationships.
- IR 6661 U.S. Intelligence in International Relations (3)**
An examination of the purposes, structure, development, and operations of state intelligence programs, with a particular focus on the U.S. Intelligence community.
- IR 6663 Game Theory and Forecasting (3)**
An introduction to game theory, and game theory based forecasting, this course covers expected utility theory, and games in both normal and extensive forms as well as their use in analyzing cases and making predictions about outcomes. The emphasis is on applications of game theory in analyzing and predicting international political events.
- IR 6664 European Nationalism (3)**
Nationalism is an ideology that has risen to the forefront of European politics in the last decade. This course provides a theoretical and empirical examination of nationalism in Europe. The course will start with a discussion of the foundations of nationalist thought, before turning to discussion of nationalist political parties in Greece, Hungary, and Bulgaria. After discussing nationalist political parties, we will discuss the role that nationalism plays in ethnic conflict using the case of the former Yugoslavia as a case study. Finally the course will also deal with the effects of violence on feelings of ethno-nationalism, and the course will culminate in a discussion that have to their own questions the bond that individuals have to their 'nation.' In addition to learning about a variety of nationalist parties and movements in Europe, students will also learn about minority groups (such as Jews and the Roma) that often find themselves victimized by nationalist.
- IR 6665 Readings in International Relations (3)**
A guided program of readings and study in international relations related to the needs of the student. Enrollment must be approved by the department chair. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- IR 6667 Nuclear Strategy (3)**
The course examines the theory and practice of nuclear strategy. It reviews the development and

- current state of nuclear weapons technology, and how nuclear weapons have enabled various deterrence and warfighting strategies during and after the Cold War. The course traces the development of nuclear strategy and efforts to prevent proliferation. It considers the nuclear strategy of the major states who hold nuclear weapon or are actively trying to acquire them by considering China, Russia, North Korea, and Iran. As great power competition has intensified since 2014, the role of nuclear weapons in great power conflict has also experienced a resurgence, where many strategic questions of the Cold War about deterrence credibility, strategic stability, the role of arms control pose themselves in a new form.
- IR 6671 European Intelligence in International Relations (3)**
Understanding European Intelligence culture and strategic environmentalist a critical strategic element for the United States and its allies. We begin with a focus on European intelligence culture, its role in strategic thought, and the current European security environment. The course includes a case study of British intelligence and the role of intelligence in fighting terrorism in Europe. We will consider intelligence sharing and cooperation, how to fix the intelligence crisis, and contemporary lessons.
- IR 6673 Iranian Security (3)**
This course focuses on the Islamic Republic of Iran (IRI), including Iranian domestic politics, Iranian foreign policy, and the impact of the IRI on regional security. Topics include regime ideology, political structure, governmental performance, and foreign relations.
- IR 6680 Security and Comparative Politics of Southeast Asia (3)**
An examination of Southeast Asia's politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system. Southeast Asia is a unique region with diverse political, social, and economic systems, and is a venue for great power competition. Through the Association of Southeast Asian Nations (ASEAN), it is the leader of regional integration in East Asia.
- IR 6681 Tribalism and Colonialism in Africa (3)**
An investigation of the politics that govern tribalism and colonialism, the sociological influences it has induced, and how the two concepts impact the people of Africa today.
- IR 6684 Political Violence in Latin America (3)**
An examination of the nature, origins, and impact of political violence in Latin America. This course examines forms of organized violence with explicitly political aims, including civil wars, state repression, coups, revolutions, and terrorist violence.
- IR 6685 Terrorism and Political Violence (3)**
An examination of the origins and significance of contemporary political violence with an emphasis on the phenomenon of terrorism. The course employs an interdisciplinary, case-study approach.
- IR 6686 Human Security in Latin America (3)**
This course applies the framework of human security to understand emerging and non-traditional sources of instability in Latin America. This includes an exploration of the social and political dimensions of chronic problems like criminal violence, human trafficking, ethnic and gender-based violence, and environmental threats.
- IR 6687 Latin American Political Economy (3)**
A critical analysis of the origins, development, consolidation and limitations of free trade and economic integration in the Western Hemisphere; special attention will be given to the complex political, economic and social forces that support, hinder and otherwise shape such international economic agreements.
- IR 6688 Political Islam (3)**
An advanced seminar dealing with the theology and practice of Islam and its impact on international, legal, political, security, and social issues.
- IR 6689 Internship in International Relations (3)**
A practical learning experience in an international relations organization that includes a written paper analyzing a problem pertinent to the student's concentration. *This is a graded course.*
- IR 6690 Capstone (3)**
This course serves as the capstone course for the MSIR program and requires students to conduct a significant research project in an IR topic chosen by them in consultation with the instructor. Students will have 6 weeks to produce a conference level paper (5,000+ words) that, if the instructor considers is passing at the "B" level, will be graded by at least one additional faculty member. *Note: MSIR candidates must achieve a grade of "B" or better in IR6690 to complete degree program requirements. Prerequisite(s): Students must have completed all other IR core courses (IR 6603, IR 6601, IR 6620, IR 6652) as well as at least 15 hours of MSIR electives prior to enrolling in this course.*
- IR 6691 Contemporary Conflicts (3)**
This course is an in-depth case study of contemporary global conflicts. Each case is examined historically to understand what led to the outbreak of violence and in the context of great power competition.
- IR 6692 Economic Statecraft (3)**
This course will introduce students to the study of economic statecraft by focusing on the nexus between economics and security. It examines how states and non-state actors use economic and financial policies and tools such as trade, foreign aid, natural resources, and infrastructure for strategic and national security purposes. Topics include international trade and trade statecraft, financial statecraft, economic sanctions and coercion, foreign aid, infrastructure and development, natural resources, industrial policies, terrorism and economic tools, etc.
- IR 6693 Space Security (3)**
Space is a domain that is contested, congested, and competitive. Further, the unique physical conditions of space challenge all those who wish to take

advantage of it. This class, while focusing on issues inherent in the military use of space including weaponization, the security dilemma, and theory, also focuses on the difficult operating conditions space presents as we explore major strategic challenges and the rise of great power competition in space. The course begins with a broad overview of space warfare and the issues inherent in it, followed by a broader discussion of historical trends and patterns in space security and strategy, beginning with the Cold War. We then discuss various theoretical approaches to space power, considering the implications of using analogies in discussions about space.

- IR 6694 African Terrorism (3)**
An examination of terrorism in Sub-Sahara Africa and how it is tied to both domestic and international factors.
- IR 6695 Sub-Saharan African Diplomacy and Economics (3)**
An examination of Sub-Saharan African diplomacy and economics and their impact on regional relations and linkages to the world system.
- IR 6696 Women, Peace, and Security (3)**
This course will examine how gender matters in the study of conflict and security, with a special focus on issues related to the Women, Peace, and Security agenda. Students will gain exposure to mainstream and critical work in international relations and will examine topics including: women's roles in national militaries and nonstate armed groups, gender-based violence, masculinities, intersectionality, and gender in peace processes and post-conflict rebuilding.

INFORMATION SYSTEMS

- IS 6625 Specialized Study in the Area of Information Systems (1-3)**
Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. *Prerequisite(s): All business foundation courses or equivalent.*
- IS 6626 Specialized Study in the Area of Information Systems (1-3)**
Study of problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a

student's program. *Prerequisite(s): All business foundation courses or equivalent.*

- IS 6658 Special Topics in Information Systems (3)**
This course examines selected topics in information systems that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): QM 6640 or Department Chair Approval*
- IS 6660 Introduction to Data Analytic Strategies and Applications (3)**
This course focuses on developing new insights and understanding of organizational performance based on data and quantitative methods. The course introduces the fundamentals of interpreting data, performing data analysis, understanding the data, visualizing the data and communicating with the data into actionable insights. Topics of study include qualitative and quantitative data analysis, fundamental tools and techniques for data manipulation using software tools, visualization, and decision making methodologies.
- IS 6670 Security Operations (3)**
A study in administration of cybersecurity. Topics include disaster recovery and business continuity planning, physical security requirements, and secure logging and reporting architectures.
- IS 6671 Asset Security (3)**
A study of topics in data governance. Topics include classification and ownership of data, asset handling requirements, data security controls, management of the data lifecycle, and asset management for emerging technologies.
- IS 6672 Information Systems and Business Strategy (3)**
Considers the role of operations and information systems in defining competitive business strategies. Structural decisions (product design, marketing, and finance) as well as issues that cross corporate boundaries (strategies for distribution, supply management and global operations) are addressed. Examines emerging issues such as global manufacturing, e-commerce, sourcing strategies, manufacturing automation and environmental issues. *Prerequisite(s): All business foundation courses or equivalent.*
- IS 6674 - Information Systems in the Global Economy (3)**
Theoretical and practical applications for managing computerized information systems; planning and control functions of the firm; emphasis on case studies of design projects; the application of human and organizational issues of Management Information Systems (MIS); current academic research into the analysis, design, and implementation of computer information systems. *Prerequisite(s): All business foundation courses or equivalent.*
- IS 6675 Information Security and Assurance in a Global Economy (3)**
This course introduces the various technical and administrative aspects of information security and assurance within a global networked environment and provides the foundation for understanding the key

issues related to them. Topics covered include inspection and protection of information assets, detection of and reaction to internal and external threats, determining the levels of protection needed, and the design of a consistent, reasonable information security architecture along with an implementable process. Other topics include technical and managerial aspects of a wide range of policies and issues relating to reporting and monitoring, upgrading and patching, intrusion detection, maintenance and mining of security logs, backup and recovery, and global issues related to trans-border data flow and intellectual property rights. *Prerequisite(s): Graduate standing, admission into the MBA program and all undergraduate business prerequisite courses or equivalent completed.*

- IS 6676 E-Commerce for Global Business (3)**
Introduces state-of-the-art concepts and applications which are emerging in the field of electronic commerce. *Prerequisite(s): All business foundation courses or equivalent.*
- IS 6677 Leadership Series on Information Technology (Seminar Course) (3)**
This course consists of seminars and a final semester student research paper. Seminars will be given by information technology (IT) leaders; each seminar will be followed by a session of questions and informal gathering. Seminar topics and speakers chosen based on the progression of other courses in the program and will have an international context. Each semester, students have the opportunity to complement their in-class learning experience with related practical experience from IT leaders. At the end of the semester, students must submit a quality written research paper to be presented in class or at a conference.
- IS 6678 International Information Technology Project Management (3)**
This course discusses the processes, methods, techniques, tools, issues, and practices that organizations use to manage their international information systems projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. This course assumes that project management in a global organization is a complex team based activity, where various types of technologies including project management software as well as software to support group collaboration are an inherent part of the project management process. This course also acknowledges that project management involves both the use of resources from within the firm, as well as contracted from outside the organization. *Prerequisite(s): Graduate standing, admission into the MBA program and all undergraduate business prerequisite courses or equivalents completed.*
- IS 6679 Management Information Systems (3)**
Conceptual and practical foundations of information systems to include support of management and decision-making functions, computer system project management, economic and legal considerations of management information systems, and system

implementation/evaluation. *Prerequisite(s): All business foundation courses or equivalent.*

IS 6680 Security and Risk Management (3)

A study of cybersecurity management principles. Topics include security governance, compliance, ethical concerns in cybersecurity, risk identification, training and awareness, and incident response.

JOURNALISM

JRN 6600 Media Management (3)

In this course, students will examine the competitive environment facing today's media, the various management principles that may be applied to media companies, and media management crisis.

JRN 6615 Public Relations and Strategic Communication (3)

Students will examine how the changing media environment affects outreach methods and explores practical solutions to achieve communication goals. Emphasis is placed on crisis public relations problems. Topics include the importance of research, designing a strategic communication program, advertising and the pervasive effect of public relations.

JRN 6635 International Advertising (3)

This course examines the global dimensions of advertising communication; the analysis of economic, cultural ethical/legal, and media conditions affecting international advertising and its methods.

JRN 6640 Communication Law and Ethics (3)

This course provides students with an in-depth understanding of existing communication ethics, regulations and policies along with their application to media. Students will study how these legal doctrines and ethical considerations have evolved and will continue to evolve.

KINESIOLOGY AND HEALTH PROMOTION

KHP 6602 Motor Skills and Human Performance (3)

In an interdisciplinary approach, students will be exposed to a systematic analysis of motor skills and human performance. Students will learn how to observe, evaluate and diagnose, and apply interventions to improve motor skill performance.

KHP 6604 Statistical Analysis and Interpretation (3)

This course requires graduate students to utilize statistical fundamentals, analyses, and interpretation of statistics. Statistical information includes, but is not limited to, sampling, hypothesis testing, regression, frequency distributions, t-tests, parametric and non-parametric statistical techniques, multivariate data analysis (MANOVA), and others using SPSS and other statistical software.

KHP 6610 Physical Education, Sport and the Law (3)

The course is designed to provide students with an in-depth awareness and understanding of legal

responsibilities of sport managers, coaches, and administrators. Emphasis will be placed upon critically analyzing the legal theories, structures, statutes, case law, and standards that apply to the sport industry and that impact sport organizations. Substantive legal areas include tort, constitutional, antitrust, intellectual property, agency, contract, and business law.

KHP 6615 Organizational Behavior & Leadership in Sport (3)

In this course students will study the basic concepts, theories and organization of administration including financial management as applied to sport, physical education, and recreation.

KHP 6616 Sport Finance (3)

This course is designed to provide students with information concerning advanced theory in finance, accounting, and managerial control of budgets.

KHP 6617 Research Methods I (3)

An independent exploration of the literature and current research in the fields of Health Education and Physical Education. *A grade of "B" or better is required.*

KHP 6620 Physical Fitness: A Critical Analysis (3)

This course is designed to prepare the student for the American College of Sports Medicine (ACSM) Health Fitness Specialists (HFS) certification. The course will examine the process of pre-participation health screening and risk stratification, administration of physical fitness assessments, and interpretation of results and the development of appropriate exercise prescriptions used in the evaluation and improvement of human fitness.

KHP 6623 Biomechanics of Sport Techniques (3)

This course is designed to prepare the student for the National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) certification. The course explores basic biomechanical concepts and their application in the analysis of sport technique. Students will apply scientific knowledge to examine sport-specific testing assessments and interpretation of results, and practice the implementation of safe and effective training techniques for the goal of improving athletic performance.

KHP 6625 Specialized Study in KHP (1-3)

A study of the problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

KHP 6626 Specialized Study in KHP (1-3)

A study of the problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

KHP 6627 Specialized Study in KHP (1-3)

A study of the problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*

KHP 6631 Programs in Health and Physical Education (3)

The course reviews appropriate curriculum for children of various age levels. Particular attention is devoted to a study of the capacities, attitudes, and needs of pupils as they are related to health and physical education. The principles, problems and procedures in the development of a health and physical education curriculum are thoroughly examined.

KHP 6632 Critical Issues in Sport and Fitness Management and Health and Physical Education (3)

Recognition, discussion, and systematic analysis of controversial issues and problems encountered in the conduct of professional activities in health and physical education.

KHP 6635 Applied Kinesiology (3)

This course is a clinically oriented human anatomy course. This course is designed to provide an advanced analysis of human functional anatomy, with primary emphasis being placed on the articular, skeletal, and muscular systems.

KHP 6640 Sport Marketing: Physical Education, Athletics, Recreation and Intramurals (3)

The purpose of this course is to teach educators how to create a marketing plan. The emphasis is on following a ten-step procedure designed primarily for the non-profit sector and learning the theoretical base required to complete the process accurately and proficiently.

KHP 6650 Sport Nutrition and Exercise Metabolism (3)

This course examines established dietary requirements of athletes relative to performance, training, and recovery. Emphasis will be placed on the use of peer reviewed literature to understand the

importance of pre- and post-event nutrition, nutritional issues faced by athletes, and possible ergogenic strategies, foods, and dietary supplements. Examination of metabolic pathways and will allow advanced interpretation of the metabolism and macronutrients during conditions of exercise and disordered metabolism.

- KHP 6651 Advanced Principles of Strength and Conditioning (3)**
This course is designed to help prepare the student for the nationally accredited National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS) certification exam.
- KHP 6663 Advanced Exercise Testing and Prescription (3)**
This course is designed to help prepare the student for the nationally accredited American College of Sports Medicine (ACSM) Exercise Physiologist (EP) certification exam.
- KHP 6670 Exercise Physiology (3)**
This course examines acute and chronic physiological responses to the respiratory, cardiovascular, and musculoskeletal systems to the demands of exercise. Contributions made by aerobic and anaerobic metabolism to energy production will be examined. The contribution of various physiological variables will be investigated to facilitate an understanding of the physiological basis of human performance.
- KHP 6671 Advanced Exercise Physiology (3)**
This course will allow students to experience and explore advanced concepts, topics, and laboratory techniques related to exercise physiology. Material covered in this course will prepare students to interpret, conduct, and share advanced material with their peers. Students will have the opportunity to implement an advanced research project or commence thesis-related research.
- KHP 6672 Sport Psychology (3)**
The course is designed for the student with a vocational interest in athletic coaching within the educational environment. Psychological theories will be applied to the teaching of sports skills and the development of individuals into efficient team units.
- KHP 6673 Ethics in Sport (3)**
The course examines ethical matters and issues relating to sport and physical activity.
- KHP 6674 Entrepreneurship in Sport (3)**
The course provides the student with an awareness and understanding of basic concepts and problems in starting a business.
- KHP 6680 Practicum in Physical Education (3)**
A supervised application of concepts, principles, instructional, curriculum, and delivery skills acquired by students in previous coursework. Students will identify issues regarding classroom management, testing, and evaluation in physical education. Students will explore innovative ideas for the classroom and research peer reviewed journals for information for application in the classroom setting.

- KHP 6690 Internship (3)**
A 400-hour supervised experience in planning, staging, and evaluating a formal practicum in related field.
- KHP 6691 Research Methods II (3)**
This course examines the variety of research methods and reporting methods used in health & physical education research. A grade of "B" or better is required. *Prerequisite(s): KHP 6604 and KHP 6617 with a "B" or better.*
- KHP 6694 Thesis I (3)**
Independent research leading to the preparation of a scholarly paper related to sport and fitness management topic under the supervision of the student's advisory committee. The student's advisory committee will administer an oral examination covering the research and findings. *Grading system is Pass/Fail.*
- KHP 6695 Thesis II (3)**
Independent research leading to the preparation of a scholarly paper related to sport and fitness management topic under the supervision of the student's advisory committee. The student's advisory committee will administer an oral examination covering the research and findings. *Grading system is Pass/Fail.*

ORGANIZATIONAL LEADERSHIP

- LDR 8801 Introductory Seminar in Global Organizational Leadership (3)**
This course provides doctoral students with an opportunity to examine globalization from the viewpoint of organizational leadership. Students develop a global perspective and develop their focus a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course examines organizational leadership from the changing context of globalization.
- LDR 8802 Seminar in Supervision, Mentoring, and Coaching as a Global Organizational Leader (3)**
This course examines advanced definitions and determinations of staffing needs, supervision, and management and coordination problems, which include methods in supervision, mentoring, and coaching in global organizations. Methods focus on but are not limited to policies and practices of global leaders relating to the functions of employee engagement concerning recruitment, selection, assignment, salary planning, scheduling, promotion, separation, grievances, reassignment, records, development programs, in-service training, evaluation, benefits and services.
- LDR 8803 Seminar in Global Change and Transformation (3)**
The purpose of this course is to increase the application of global leadership skills and meaning-making to the increasingly volatile, uncertain, complex, and ambiguous world of organizational life as applied to

global organizational environments. The focus will include the study of global classic theories and progress to the critical analysis of emerging models. Mastery of theoretical constructs, best practice models, and analysis applied to global leaders and organizations will be required of all students. Readings, class experiences, and interviews become an integrative understanding of change from a global perspective.

LDR 8804 Seminar in Global Human Resource Development (3)

This course examines the major conceptual frameworks for understanding human behavior within global organizations, the competencies required for effective leadership and the major functions of human resource development as an integral part of overall management as applied to global organizations.

LDR 8805 Seminar in Planning and Management of Groups and Teams for Global Leaders (3)

This course is designed both for current and aspiring global leaders. It is designed to examine the role of global leaders in emerging social, economic, and political contexts that are changing the nature of education, altering how educational organizations are viewed, and transforming how they are led. A broad range of planning and management issues relating to groups and teams within organizations will be explored that are critical to the success of global leaders and issues that can affect relationships and impact global organizations. Particular attention will be paid to issues of management in diverse organizations and across countries and regions in the global environment.

LDR 8806 Advanced Seminar in Global Organizational Leadership (3)

This course is an advanced seminar in organizational leadership that addresses individual and global issues. Students form an organization in the class and take on roles of key stakeholders based on personal interests and inter-group requirements. Each group or division of students will appropriately organize to achieve divisional and organizational goals decided upon in the first and/or second class session. Students develop a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course requires the student to synthesize and apply organizational leadership knowledge through work based in real-life settings.

MARINE BIOLOGY (MB)

Offered at Dauphin Island Sea Lab (DISL) only

Courses are offered during the summer semester only. Since course offerings change, check the current DISL summer bulletin for specific course offerings and descriptions and contact the Marine Biology Adviser at Troy. The courses listed below are taught at Dauphin Island Sea Lab in the summer only. The faculty members are recruited from many colleges and universities within and outside Alabama. The courses are identified by an MB prefix. All Marine Biology courses for graduate students have the prerequisites of General Chemistry and Ecology, or the equivalents.

MB 5502 Marine Invertebrate Zoology (4)

A study of the natural history, systematics, and morphology of marine invertebrates from a variety of habitats in the Gulf of Mexico. Participation in extended field trips is part of the course.

MB 5503 Marine Vertebrate Zoology (4)

A study of the biology of marine vertebrates emphasizing systematics, behavior, physiology, and ecology of local forms.

MB 5504 Marine Botany (4)

A general survey of algae and vascular plants associated with the marine and estuarine environment.

MB 5510 Introduction to Oceanography (4)

A general introduction to the physics, chemistry, geology, and biology of the oceans.

MB 5519 Marine Aquaculture (2)

Techniques in live animal culture with an emphasis on basic principles that can be applied to the culture of any organism for research, display, or commercial profit.

MB 5523 Marine Ecology (4)

Lecture and laboratory studies of bioenergetics, community structure, population dynamics, predation, competition, and speciation in marine ecosystems.

MB 5528 Shark and Ray Biology (2)

An introduction to the biology of sharks and rays, with special emphasis on regional shark fauna and field techniques.

MB 5532 Biology and Conservation of Marine Turtles (2)

An overview of the biology and conservation of marine turtles, including identification, distribution, nesting behavior, migratory behavior, and feeding ecology.

MB 5535 Environmental Application of Geographic Information Systems (2)

This course of learning applied mapping and analysis with GIS and will leverage other geospatial techniques including remote sensing, geo-visualization, and spatial analysis with particular emphasis on environmental applications. *Prerequisite(s): CHM 1143/L143, BIO 2229/L229*

MB 5538 Coastal Wetlands Ecology (4)

The course will focus on coastal and near shore wetland areas, with an emphasis on the biogeochemical processes that occur within.

MB 5560 Introduction to Neurobiology (4)

The study of the structure, development, physiology, and pharmacology of the nervous systems and sense organs. *Prerequisite(s): Permission of the instructor.*

MANAGEMENT

MGT 6615 Ethical Leadership and Management in a Global Economy (3)

Equips students with the critical leadership skills and solid understanding of today's ethical theory they need to become effective business leaders in today's turbulent times. The class explores the latest thinking in leadership theory and contemporary practices at work within organizations throughout the world. Closely connects theory to recent world events, such as ethical scandals and political turmoil. Students examine emerging topics, leadership vision and courage, leading virtual teams and actual leadership decisions.

MGT 6625 Specialized Study in Management (1-6)

Study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. No more than three semester hours credit of this course may be transferred in from another institution. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): All business foundation courses or equivalent.*

MGT 6626 Specialized Study in Management (1-6)

Study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. No more than three semester hours credit of this course may be transferred in from another institution. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): All business foundation courses or equivalent.*

MGT 6627 Specialized Study in Management (1-6)

Study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. No more than three semester hours credit of this course may be transferred in from another institution. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): All business foundation courses or equivalent.*

MGT 6658 Special Topics in Management (3)

This course examines selected topics in management that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours.

MGT 6670 Seminar in International Management (3)

A survey of theories and issues related to managing the internationalization of business firms and multinational management.

MGT 6681 Organization Development and Change (3)

A study of management concepts and practices useful in improving organizational performance. Theories and concepts applicable to making organizations more hospitable to people and more productive in accomplishing their goals and objectives are identified and discussed. Special attention is paid to strategic interventions and change in both private and public sector organizations and in the global arena.

MARKETING

MKT 6658 Special Topics in Marketing (3)

This course examines selected topics in marketing that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): Prerequisite: MKT 6661*

MKT 6661 Global Strategic Marketing (3)

This course is a comprehensive survey of strategic marketing concepts used to provide value to customers in a global business context. Topics focus on the application of marketing theories and concepts to address problems and take advantage of opportunities. *A grade of "B" or better is required. Prerequisite(s): Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed. This course serves as the research requirement for the MBA degree and may not be transferred into the MBA program.*

MASTER OF SCIENCE IN MANAGEMENT

MSM 6610 Theories of Organizational Behavior (3)

This course is the study of the theories and concepts of individual leaders and group behaviors within organizations. The course examines important behavioral processes, including learning, perception, attitudinal structuring, values, motivation, communication, conflict, quality, and social reinforcement. Emphasis is placed on the relationship of these processes to individual and group performance and their implications for leadership and decision-making. *Prerequisite(s): Admission into the MSM degree program or selection of the Management Concentration, or Management certificate program.*

MSM 6630 Management Information Systems for Leaders (3)

Conceptual and practical foundations of information systems to include support of management and decision-making functions, computer system project management, economic and legal considerations of management information systems, and system implementation/evaluation. *Prerequisite(s): Admission into the MSM degree program.*

MSM 6633 Leading and Developing High Performance Teams (3)

An in-depth study of the process of developing a new team or revitalizing an existing team. The course will involve the study and application of current theories of team development and performance in the work setting. Special emphasis will be placed on the leadership of work teams in both face-to-face and virtual settings for effective performance and member satisfaction. *Prerequisite(s): Admission into the MSM degree program.*

MSM 6640 Foundations of Leadership and Motivation (3)

The course examines the foundational concepts of leadership, reviews traditional theories of leadership, and investigates critical issues in leadership and motivation as they apply in the contemporary workplace. Applications develop critical thinking skills about the concepts. *Prerequisite(s): Admission into the MSM degree program or selection of the Leadership concentration.*

MSM 6645 Continuous Improvement (3)

Analysis of Total Quality Management (TQM) and the driving philosophy, including leadership, human resource management and human resource development, strategic planning, implementation, methods, benchmarking, results, and the principles of closing the loop. Case analyses used to illustrate TQM as a systemic approach to organizational effectiveness using the Baldrige Criteria. *Prerequisite(s): MSM 6610, MGT 6615.*

MSM 6650 Strategic Management (3)

Study of the integrative functions of senior management in long-range strategic planning and decision making to support implementation. This is a capstone course which utilizes all the skills and knowledge developed earlier in the program. It focuses on policy problems and planning beyond the boundaries of the firm. *A grade of "B" or better is required. Prerequisite(s): MSM 6610 and MGT 6681.*

MSM 6655 Advanced Leadership (3)

The course provides an in-depth examination of leadership theory and practical applications. Aspects of leadership are examined relative to change management, implementation, and communication, with an emphasis on ethical behavior, team and global leadership, team development, the learning organization, role modeling, and employee development. Analysis of cases and workplace situations focus on integrating theory and application. *Prerequisite(s): Admission into the MSM program or selection of the Leadership Concentration and MGT 6615.*

MSM 6658 Special Topics in Management (3)

This course examines selected topics in management that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): Admission into the MSM degree program.*

MATHEMATICS

Note: Multivariable calculus and a course in proof techniques or its equivalent or permission by the Chair of the Department are required prerequisites for all graduate mathematics courses.

MTH 5510 History of Mathematics (3)

The evolution of modern mathematics from its motivational roots in the physical sciences; the lives and contributions of outstanding mathematicians; the parallel development of mathematics and western culture. *Prerequisite(s): MTH 2227, MTH 3318, and Advanced Mathematics course*

MTH 5512 Discrete Mathematics (3)

Topics include counting techniques such as Pigeon-hole Principle, permutations, combinations, binomial coefficients, inclusion-exclusion, and relations and graphs. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5520 Graph Theory (3)

The elements of graph theory including: trees; bipartite, chordal and planar graphs; graph coloring; graph traversals; and flows. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5522 Numerical Analysis (3)

This course covers topics including finite differences, interpolation, numerical integration and differentiation, solutions of equations of one variable, linear systems, and numerical solutions of ordinary differential equations. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2220, MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5524 Real Analysis I (3)

A study of the real number system, completeness, limits, continuity, sequences, differentiation, and the Riemann integral. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5525 Real Analysis II (3)

A study of sequences and series of functions, series, and a continuation of the integral to include the Fundamental Theorem of Calculus. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 4424 or MTH 5524.*

MTH 5526 Complex Analysis (3)

A study of complex numbers, elementary functions and their mappings, complex limits and power series, analytic functions, integrals, contour integral, and Cauchy integral formula. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5536 Number Theory (3)

This course covers divisibility, congruences, prime numbers, Fermat's theorem, Diophantine equations, number theoretic functions, quadratic reciprocity. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5541 Abstract Algebra I (3)

A study of properties of the integers, modular arithmetic. Elementary theory of groups, finite groups, subgroups, cyclic groups, permutation groups. Group isomorphisms and homomorphisms. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 5542 Abstract Algebra II (3)

This course covers the elementary theory of rings, polynomial rings, divisibility, unique factorization domains. Integral domains, ideals, factor rings, divisibility in integral domains. Elementary theory of fields. Extension fields. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 4441 or MTH 5541, or permission of the instructor.*

MTH 5560 Topology (3)

Generalization of such topics as functions, continuous functions, open, closed, compact, and connected sets, arbitrary topological spaces. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 6600 Modern Topics in Mathematics (3)

An investigation of current topics in mathematics that are generally not covered in regularly offered graduate courses in the mathematics graduate curriculum. *Prerequisite(s): Prerequisites will be determined by the topic under investigation.*

MTH 6601 Metric Education for Elementary Teachers (3)

A study of the materials and methods program of instruction with workshops in selected school systems. *Prerequisite(s): Admission by permission of instructor.*

MTH 6610 History of Mathematics (3)

The course is designed to acquaint the secondary mathematics teacher with the historical development of mathematics with particular attention given to the techniques of the period studied. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 6612 Advanced Discrete Mathematics (3)

This course is a study of discrete mathematical structures and associated concepts-which may include graphs and hypergraphs, Boolean Algebra, modeling computation-properties of these structures and their applications. *Prerequisite(s): MTH 4412, MTH 5512 or permission of instructor.*

MTH 6613 Differential Geometry I (3)

This course introduces Semi-Riemannian Geometry with an emphasis on its applications to General Relativity. Topics to cover include mathematical structures underlying spacetime, including manifolds, tensors, curvature, and geodesics. *Prerequisite(s): MTH 5560, MTH 6640*

MTH 6615 Advanced Topology (3)

Generalization of such topics as functions, continuous functions, open, closed, compact and connected sets, arbitrary topological spaces. *Prerequisite(s): MTH 4424 or 5524, MTH 4426 or 5526 or permission of instructor.*

MTH 6616 Mathematical Models (3)

An introduction to the modeling process. Students will practice creative and empirical model constructions, analyze models and do independent model research. Application using paired data will be included. *Prerequisite(s): MTH 2227, MTH 3318, or permission of the instructor.*

MTH 6619 Partial Differential Equations I (3)

This course focuses on linear partial differential equations, beginning with a review of fundamental results for ordinary differential equations. We will then examine basic constant coefficient solutions for the transport, heat, wave, and Laplace equations. The core of the course covers weak solutions, energy methods, and local well-posedness of second-order linear PDEs with non-constant coefficients. *Prerequisite(s): MTH 6651*

MTH 6620 Advanced Concepts of Algebra (3)

This course covers topics including rings and fields, polynomial rings and factorization, and Galois

theory. *Prerequisite(s)*: MTH 4442 or 5542 or permission of instructor.

MTH 6621 Foundations of Mathematics (3)

A study of the axiomatic nature of mathematics, theory of sets, cardinal and ordinal numbers, continuum hypothesis and axiom of choice. *Prerequisite(s)*: MTH 2227, MTH 3318, or permission of the instructor.

MTH 6623 Differential Geometry II (3)

In this course the following topics will be covered: Jacobi Fields, Calculus of Variations, Causality and Singularity Theorems. *Prerequisite(s)*: MTH 6613

MTH 6624 Applied Combinatorics (3)

This course includes topics from computational aspects of discrete optimization problems from graph, hypergraph and combinatorial design theory. These aspects include complexity, algorithms for solving such problems, and their contemporary applications. *Prerequisite(s)*: MTH 2220, MTH 4420 or MTH 5520 or MTH 6630, or permission of the instructor

MTH 6625 Specialized Study in Area of Mathematics (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate director of the Graduate School or Dean of Arts and Sciences. See semester hour limits listed under Course Restrictions in General Regulations section. Note: Total credit for any combination of enrollments in these courses may not exceed six semester hours.

MTH 6626 Specialized Study in Area of Mathematics (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate director of the Graduate School or Dean of Arts and Sciences. See semester hour limits listed under Course Restrictions in General Regulations section. Note: Total credit for any combination of enrollments in these courses may not exceed six semester hours.

MTH 6627 Specialized Study in Area of Mathematics (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate director of the Graduate School or Dean of Arts and Sciences. See semester hour limits listed under Course Restrictions in General Regulations section. Note: Total credit for any combination of enrollments in these courses may not exceed six semester hours.

MTH 6629 Partial Differential Equations II (3)

This course explores linear and nonlinear wave equations in curved spacetime. The first part reviews well-posedness using energy estimates and establishing local well-posedness for nonlinear wave equations. The second part of the course deals with global theory. *Prerequisite(s)*: MTH 6619

MTH 6630 Design Theory (3)

Latin Squares, mutually orthogonal Latin squares, orthogonal and perpendicular arrays, Steiner triple systems, block designs, difference sets, and finite geometries. Topics of current interest and research in combinatorial design theory will be explored (areas may include Latin squares, embeddings, enclosings, Wilson's constructions, quadruple systems, Hadamard designs, graph designs, orthogonal arrays, and computational models). *Prerequisite(s)*: MTH 4412 or MTH 4420 or permission of instructor.

MTH 6632 Non-Euclidean Geometry (3)

A study of non-Euclidean geometries with emphasis given to their logical development. *Prerequisite(s)*: MTH 2227, MTH 3318, or permission of the instructor.

MTH 6633 Advanced Linear Algebra (3)

A study of linear and orthogonal transformations, orthogonal and unitary matrices, numerical linear algebra, and applications. Spectral theory and duality. *Prerequisite(s)*: MTH 3331 or permission of instructor.

MTH 6634 Algorithmic Graph Theory (3)

Theory and algorithms for solving computational problems in graphs and hypergraphs. The topics may include minimum transversals, maximum matchings, trees and bipartite graphs, chordal graphs, planar graphs and graph coloring, hypertrees, chordal hypergraphs, planar hypergraphs and hypergraph coloring, colorability, perfection, and chromatic spectrum. *Prerequisite(s)*: MTH 2220, MTH 4420, or MTH 5520, or permission of the instructor

MTH 6640 Advanced Concepts of Analysis (3)

The rigorous course in analysis covers continuous functions, differentiation, the Riemann-Stieltjes integral, sequences and series of function (uniform convergence), integration and differentiation in more than one-dimension, with discussion of the implicit and inverse function theorems. *Prerequisite(s)*: MTH 4425 or MTH 5525.

MTH 6645 Algebraic Quantum Field Theory (3)

The course offers an introduction to Algebraic Quantum Field Theory (AQFT). It starts with a review of Hamiltonian mechanics and canonical quantization. The student is then introduced to the axioms of AQFT and some of its main results, including the GNS construction and the Reeh-Schlieder theorem. The formalism allows the study of quantum fields in curved spacetime. After an introduction to renormalization, the course concludes with the Unruh effect as an example application. *Prerequisite(s)*: MTH 6619, MTH 6613

MTH 6650 Trends in Technology and Problem Solving in Secondary Mathematics Instruction (3)

A comprehensive study of contemporary teaching strategies that incorporate current technologies and effective problem-solving approaches for use by the mathematics educator in the modern secondary school mathematics program. Emphasis will be placed upon the effective use of calculators, writing,

and computer software in the mathematics curriculum.

- MTH 6651 Advanced Concepts of Analysis II (3)**
Topics include integration and measure, Lp spaces, Hilbert space theory, and derivatives of measures. *Prerequisite(s): MTH 6640*
- MTH 6691 Research in Education (3)**
A study of a variety of research and evaluations methods in the teaching of mathematics. *A grade of "B" or better is required.*
- MTH 6692 Research and Thesis (1-6)**
Under the guidance of the student's adviser and the chair of the department, the student may pursue original research or project in a particular area of mathematics. The completion of a thesis is required. The results and conclusions must be successfully defended before the student's graduate committee. *Grading System is a Pass/Fail. Prerequisite(s): 3.0 GPA and permission of the Chair of the Mathematics and Statistics department.*

MUSIC INDUSTRY

- MUI 6610 Marketing of Recorded Music (3)**
Examination of the process of studio production, manufacturing, promotion and distribution of contemporary recordings. Record release programs for independent and major label-controlled products are analyzed. In addition, students will serve in the administration and marketing/merchandising of a record label. An individual creative marketing project will be assigned and submitted for successful completion of the course. In addition, the project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6612 Composition and Arranging for the Music Industry (3)**
Students will explore the art, craft and business of composition and arranging for the music industry through a variety of experiences. A final project including the composition, arranging and production of a musical work is included. A final creative composition/arranging project will be assigned and submitted for successful completion of the course. In addition, the project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6614 Music Publishing (3)**
An in-depth examination and application of current production, marketing, merchandising and distribution of music products with an emphasis in publishing. In addition, the student will develop a new music-publishing product incorporating multiple media technologies including print, audio, video and web-based marketing tools. The final creative project will be submitted for successful completion of the course. In addition, the project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6616 Advanced Song Writing (3)**
Students will explore the art, craft and business of songwriting through a variety of exploratory and creative experiences. In addition, the student will produce a demonstration recording using various music technologies suitable for the song marketing in the music industry. A final project including the composition, arranging and production of a musical work is included. The final creative project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6618 Advanced Music Technologies (3)**
This course of study will include a conceptual and skill-based overview of advanced music technologies. Students will experience various applications through production projects including sequencing, audio editing, and music notation, among others. Students will complete a series of projects incorporating these technologies using current music industry practices and standards. Creative projects will be submitted for successful completion of the course. In addition, each project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6620 Studio Production Techniques (3)**
This course is an in-depth examination of audio recording. The curriculum will cover remote and studio recording techniques. The related areas of sound reinforcement and post-production will be covered at length. Students will apply advanced microphone techniques, utilize digital editing and plugins, and prepare a recording project portfolio. Creative projects will be assigned and submitted for successful completion of the course. In addition, the project will be added to the student's **Professional Performance Skills Portfolio** as part of a comprehensive assessment prior to graduation.
- MUI 6622 Concert Production and Promotion (3)**
The examination and application of current practices in musical artist career/business management including live concert production. Legal aspects of the music industry including contractual agreements will be examined. A concert production will be completed during the term including marketing, ticketing, venue management and artist coordination. A written report of all concert production activities will be submitted for successful completion of the course. In addition, the report will be added to the student's portfolio as part of a comprehensive skills assessment prior to graduation.
- MUI 6630 Media Composition and Sound Design (3)**
The composition, creation and production of music for media is a fundamental and foundational part of the music and entertainment industries. With the growing demand for media driven largely by streaming services, the demand for media composers and sound designers is expanding at an exponential rate. This course is focused in two key areas including music composition for any and all dramatic visual needs as well as sound design/special effects. An overview of music composition in various forms of media will be explored and experienced. A final

capstone media project will be written and produced for inclusion in the student's portfolio.

MUI 6640 The Business of Music: Entrepreneurship Through American Music, Media, and Entertainment (3)

An in-depth look at the main structures of the music business, the important changes that are guiding its future and strategies for creating successful business models. The history of the music and entertainment industries is examined leading to detailed projections of our future business systems and prospects.

MUI 6645 Legal Aspects of the Music Industry (3)

The business and creative sides of the music business are inextricably linked requiring musicians to think like a business and businesses to think creatively like musicians. Music-related business endeavors are affected by legal matters on a daily basis. From artist contracts, recording and music publishing agreements to copyright law, name protection and business organization, the legal aspects of the industry are a part of all daily business activities. Legal Aspects of the Music Industry examines the legal issues business leaders, artists, musicians, engineers, and producers encounter when building their companies and careers. The course presents a focused look at the important legal changes that have evolved as a result of the continuing shifts in the music business landscape.

MUSIC

MUS 6600 Band Performance (1)

This course covers rehearsal/performance through band literature

MUS 6601 Choral Performance (1)

This course covers rehearsal/performance through choral literature

MUS 6605 Advanced Music Technologies (3)

Advanced educational use of multimedia and internet based music technologies.

MUS 6607 Literature and Techniques for the Beginning/Middle School Band (3)

A study of the materials and techniques utilized in the beginning/middle school band program. Listening and score analysis will be included.

MUS 6610 Advanced Woodwind Pedagogy (3)

A study of teaching techniques, materials, and repertoire for woodwind instruments.

MUS 6612 Organizational Management in Music Education (3)

Designed to develop an understanding of issues in institutional leadership from multiple perspectives in contemporary music education settings. Topics to include exploration and critical reflections of aspects of leadership development, creative advocacy, policymaking and implementation, curriculum development, mentorship, external funding sources, and evaluation.

MUS 6614 Piano Private Instruction (1)

Private instruction is available in piano.

MUS 6615 Organ Private Instruction (1)

Private instruction is available in organ.

MUS 6616 Voice Private Instruction (1)

Private instruction is available in voice.

MUS 6617 Clarinet Private Instruction (1)

Private instruction is available in clarinet.

MUS 6618 Oboe Private Instruction (1)

Private instruction is available in oboe.

MUS 6619 Flute Private Instruction (1)

Private instruction is available in flute.

MUS 6620 Bassoon Private Instruction (1)

Private instruction is available in bassoon.

MUS 6621 Saxophone Private Instruction (1)

Private instruction is available in saxophone.

MUS 6622 Trumpet Private Instruction (1)

Private instruction is available in trumpet.

MUS 6623 Horn Private Instruction (1)

Private instruction is available in horn.

MUS 6624 Trombone Private Instruction (1)

Private instruction is available in trombone.

MUS 6625 Specialized Study in Area of Music (1-3)

The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs, but is not available in the regular curriculum. See semester hour limits listed under Course Restrictions in the General Regulations section.

MUS 6626 Specialized Study in Area of Music (1-3)

The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs, but is not available in the regular curriculum. See semester hour limits listed under Course Restrictions in the General Regulations section.

MUS 6627 Specialized Study in Area of Music (1-3)

The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs, but is not available in the regular curriculum. See semester hour limits listed under Course Restrictions in the General Regulations section.

MUS 6628 Compositional Techniques Private Instruction (1)

Private instruction is available in compositional techniques.

MUS 6630 Collaboration for Inclusion (3)

This course is designed to provide advanced students with an in-depth study of current literature and research on collaboration and consultation as a service delivery model to meet the challenge of educating students with disabilities in the regular classroom.

Specifically, this course focuses on collaborative-related issues for teachers who work with students with disabilities. **Prerequisite(s):** A survey of Special Education Course is required if not previously completed.

- MUS 6631 Advanced Rehearsal Techniques (3)**
Teaching music through performance in context.
- MUS 6638 Literature Analysis (3)**
Historical and theoretical analysis of masterworks for band or choir.
- MUS 6639 Computer-based Music Notation (3)**
An exploration of music notation software. Students will use industry standard notation software to design and produce musical scores, parts, and assignments to be used in a K-12 educational setting.
- MUS 6644 Guitar Private Instruction (1)**
Private instruction is available in guitar.
- MUS 6645 Euphonium Private Instruction (1)**
Private instruction is available in euphonium.
- MUS 6646 Tuba Private Instruction (1)**
Private instruction is available in tuba.
- MUS 6647 Percussion Private Instruction (1)**
Private instruction is available in percussion.
- MUS 6648 Conducting Private Instruction (1)**
Private instruction is available in conducting.
- MUS 6653 Educational Evaluation in Music (3)**
Advanced study in music assessment.
- MUS 6654 Music Pedagogy (1)**
Alabama Music Educators Association Conference. Attendance and written portfolio is required.
- MUS 6655 Music Pedagogy 2 (1)**
Troy University High School Honor Band or Choir Clinic. Attendance and written portfolio is required.
- MUS 6656 Music Pedagogy 3 (1)**
Troy University Middle School Honor Band Clinic. Attendance and written portfolio is required.
- MUS 6657 Advanced Brass Pedagogy (3)**
A study of teaching techniques, materials, and repertoire for brass instruments.
- MUS 6658 Advanced Percussion Pedagogy (3)**
A study of teaching techniques, materials, and repertoire for percussion.
- MUS 6660 Legal Issues in Music Education (3)**
This course will provide an overview of our legal system, examine court cases in music/music education and identify the implications studied from this review to assist the practicing music educator.
- MUS 6662 Advanced Arranging (3)**
A study of advanced arranging and scoring concepts for instrumental or choral ensembles.

- MUS 6670 Practical Band Instrument Repair (3)**
This course covers the maintenance, repair, and supervision of equipment used by music educators.
- MUS 6680 Leadership in Music Education (3)**
The course will focus on principles of leadership as they relate to the music educator and conductor.
- MUS 6681 Advanced Musicianship (3)**
A survey of undergraduate music theory sequences with emphasis on the pedagogy and functional use of the musicianship skill set in the classrooms.
- MUS 6682 Advanced Music Methods (3)**
The course will focus on the study and application of basic skills and concepts for music education teaching methodologies such as, but not limited to, Kodály, Orff, and Dalcroze in P-12 Music Education settings.
- MUS 6685 Music Pedagogy 4 (1)**
Attendance and written portfolio required.
- MUS 6686 Music Pedagogy 5 (1)**
Troy University Summer Band Clinic. Attendance and written portfolio required.
- MUS 6691 Research Methods (3)**
Research methods will provide the student with a detailed examination of types of research and reporting and a working knowledge of research terminology and data analyses as applied to the field of music.
- MUS 6696 Practicum (2)**
Application of professional knowledge, skills, and attitudes through discussion of historical and philosophical highlights of music education. Includes completion of an individual music project/presentation.

NURSING

[Course credit hours/contact hours (if different) per week are noted in parentheses]

- NSG 6604 Theories in Nursing (2)**
Explores the evolution and importance of knowledge and theory in nursing, mechanisms for developing and critiquing theory, and the analysis and application of theories in nursing practice.
- NSG 6605 Healthcare Economics (2)**
An introductory course in health economics, designed to provide the student with the elements of economic analysis as applied to the area of healthcare and healthcare policy.
- NSG 6612 Advanced Health Assessment (3)**
Designed to prepare an expert clinician in health assessment of patients within diverse settings and populations across the lifespan. Advanced content in history and interviewing processes, physical examination, and documentation of assessment findings are included. The clinical diagnostic process is emphasized. **Pre/Corequisite(s):** NSG 6649 and NSG 6671. **Corequisite(s):** NSG 6613

NSG 6613 - Advanced Health Assessment Preceptorship (3/9)

Preceptorship course designed for clinical application of skills in advanced health assessment, clinical diagnosis and management, and maintenance of health promotion/disease prevention for patients within diverse settings and populations. *Pre/Corequisite(s):* NSG 6671 and NSG 6649. *Corequisite(s):* NSG 6612.

NSG 6625 - Specialized Study in Advanced Nursing (1/4)

Under supervision of a faculty member, student may pursue study in selected area applicable to the practice of nursing which fits his/her academic needs but is not available in the regular curriculum. Total credit for any combination of enrollments in these courses may not exceed four semester hours. F, Sp, Su See semester hour limits listed under Course Restrictions in General Regulations section.

NSG 6626 - Specialized Study in Advanced Nursing (1/4)

Under supervision of a faculty member, student may pursue study in selected area applicable to the practice of nursing which fits his/her academic needs but is not available in the regular curriculum. Total credit for any combination of enrollments in these courses may not exceed four semester hours. F, Sp, Su See semester hour limits listed under Course Restrictions in General Regulations section.

NSG 6627 - Specialized Study in Advanced Nursing (1/4)

Under supervision of a faculty member, student may pursue study in selected area applicable to the practice of nursing which fits his/her academic needs but is not available in the regular curriculum. Total credit for any combination of enrollments in these courses may not exceed four semester hours. F, Sp, Su See semester hour limits listed under Course Restrictions in General Regulations section.

NSG 6630 - Introduction to Nursing Leadership and Technology Practicum (2/8)

The first clinical immersion experience in the selected advance nursing practice roles, nursing leadership and/or nursing informatics. The course focus is on the integration of nursing leadership and technology into healthcare delivery. Students participate in relevant clinical practice with either a nursing administrator or nursing information technology expert. *Prerequisite(s):* NSG 6631 and NSG 6632. *Corequisite(s):* NSG 6633

NSG 6631 - Concepts of Healthcare Informatics and Leadership (3)

Focuses on an examination of the concepts and core principles that are essential for nurse informatics specialists and nursing leaders to operate within a dynamic healthcare environment. Course topics include foundations of practice, data management, healthcare technology, organizational structure, human capital management, care delivery systems, continuous performance improvement, and practice applications.

NSG 6632 - Theoretical Foundations of Nursing Informatics and Leadership (3)

Explores the foundation of nursing informatics, organizational leadership, and nursing administration,

related theories and sciences. Identifies nursing and healthcare data sets, classifications systems, and nomenclatures utilized in practice. Students also explore transformational leadership, emotional intelligence, strategic planning principles, shared leadership/governance, and leading and sustaining change.

NSG 6633 - Healthcare Systems (3)

Centers on the understanding of the Advanced Practice Nurse's role to practice dimensions of leadership and technology within today's healthcare system. Explores the planning, analysis, design, implementation, and evaluation of clinical information systems. Includes strategies for developing a strategic plan and issues in project management along with major design and implementation issues. Students will also explore managerial functions of planning, organizing, leading, and evaluating across the healthcare system. *Prerequisite(s):* NSG 6631, NSG 6632. *Corequisite(s):* NSG 6630

NSG 6634 - Roles in Nursing Leadership and Informatics (3)

Focuses on the role of the advanced practice nurse in the healthcare environment. Emphasizes concepts, research, issues and trends relative to the practice of the nursing informatics specialist and nursing leader within the healthcare environment. *Prerequisite(s):* NSG 6630, NSG 6633 NSG 6635, NSG 6636. *Corequisite* NSG 6637

NSG 6635 - Applied Principles of Leadership and Technology in Healthcare (3)

Prepares students with the knowledge and skills to integrate leadership and informatics concepts into clinical practice. Nursing leadership content addresses the application of fiscal planning, execution, accountability, and risk management within nursing practice. Nursing informatics content addresses health literacy, access, electronic health records, clinical decision support systems, and emerging technologies. *Prerequisite(s):* NSG 6630, NSG 6633 *Corequisite* 6636

NSG 6636 - Advanced Nursing Practice Internship I (3/12)

First of two internship courses that facilitate the application of nursing leadership or nursing informatics within field experiences to provide the student an opportunity to work collaboratively with healthcare systems. Students may select to intern with a nursing leader, a nursing information technology expert, or a combination of roles. Students will participate in relevant clinical practice to meet the demands of changing patient care services. *Prerequisite(s):* NSG 6630, NSG 6633 *Corequisite* NSG 6635.

NSG 6637 - Advanced Nursing Practice Internship II (3/12)

Second of two internship courses that provides students with an immersion experience in one of the selected advance nursing practice roles, nursing leadership or nursing informatics. The course focus is on the application and synthesis of knowledge and skills acquired in all previous courses. Students participate in relevant clinical practice with either a nursing administrator or nursing information technology expert. *Prerequisite(s):* NSG 6636, NSG 6635; *Corequisite(s):* NSG 6634.

NSG 6645 Family and Cultural Theories in Advanced Nursing Practice (3)

Provides the student with in-depth knowledge of family and cultural assessment. Further analysis of diverse cultures and multi family structures enhance the student's application of family and/or cultural theories and advanced nursing interventions.

NSG 6649 Advanced Pharmacology (3)

Presents knowledge and theory critical to management of the pharmacological needs of a variety of populations across the lifespan. Discusses major classification of drugs and protocols for administration and use of technology in management of drug therapy.

NSG 6660 Foundations of Advanced Nursing Practice (3)

Provides content that enables students to focus on the advanced nursing practice. Emphasizes the theoretical bases critical to leadership and analyzes current issues in relation to advanced practice.

NSG 6665 Primary Care I: Pediatrics and Women's Health (3)

Focuses on advanced knowledge and theory base in the assessment and care of children and women of childbearing age. Health promotion is emphasized, but the practitioner is also prepared to deliver complex multifaceted care to patients in primary care settings. *Prerequisite(s): NSG 6612 and NSG 6613. Corequisite(s): NSG 6666.*

NSG 6666 Primary Care I: Preceptorship Pediatrics and Women's Health (3/9)

Clinical preceptorship course in the advanced practice role of the family nurse practitioner with pediatric patients and women of childbearing age in primary care settings. *Prerequisite(s): NSG 6612, NSG 6613. Corequisite(s): NSG 6665.*

NSG 6667 - Primary Care II: Adults and Geriatrics (3)

Focuses on advanced knowledge and theory base in the assessment and management of care of adult and geriatric patients. Health promotion is emphasized, but the practitioner is also prepared to deliver complex multifaceted care to clients in primary and rehabilitative settings. *Prerequisite(s): Prerequisites for MSN students NSG 6604, NSG 6660, NSG 6665, NSG 6666, NSG 6691, NSG 6692. Prerequisites for DNP students NSG 6604, NSG 6665, NSG 6666, NSG 6691. Corequisite(s): NSG 6668.*

NSG 6668 Primary Care II Preceptorship: Adults and Geriatrics (3/9)

Clinical preceptorship course in the advanced practice role of the family nurse practitioner with adult and gerontological patients in the primary and rehabilitative care settings. *Prerequisite(s): NSG 6665, NSG 6666. Corequisite(s): NSG 6667.*

NSG 6670 Role Synthesis Seminar (1)

Provides a forum for the analysis and synthesis of role behaviors specific to the family nurse practitioner. Emphasis is on the role, patterns of health promotion, primary care, and professional, social, and political issues related to the role. *Prerequisite(s):*

All core FNP specialty courses. FNP students only. Corequisite(s): NSG 6680.

NSG 6671 Advanced Pathophysiology (3)

Provides an in-depth study of pathophysiologic processes across the lifespan to correlate changes that occur at the cellular and system level with the development, clinical manifestations, and management of various disease states.

NSG 6672 Teaching and Learning Theories in Nursing Education (3)

Introduces the basic principles and theories of education and their impact on student learning. Focuses on teaching and learning, learning styles, and the needs of diverse learners to include the generational and cultural differences of today's learners. Prepares students to function within the educational environment and to facilitate learning and learner development and socialization effectively.

NSG 6673 Teaching Strategies in Nursing Education (3)

Presents instructional strategies to enhance learning experiences in nursing education. Instructional methods will include collaborative educational models as large and small group teaching, team-based, interactive and case-based learning. Strategies will include the use of simulation and clinical teaching at the bedside with a focus on educator behaviors that stimulate achievement of learners. With an appreciation of diversity in learning styles, strategies will be discussed that apply to technology into instruction to develop and deliver curricula.

NSG 6674 Curriculum Design & Development in Nursing Education (3)

Explores a brief history of curricula, philosophical foundations of curriculum design, and contemporary influences on nursing program curricula. Progresses through the steps of curriculum design and development, specifically for undergraduate and graduate nursing programs. Nursing course design is a focus. An overview of types of learning experiences appropriate for course objectives is included. Prepares students for role competencies in curriculum design and development.

NSG 6675 Assessment and Evaluation in Nursing Education (3)

Presents models and methods for assessment and evaluation in nursing education. Focuses on principles for construction of test and written assignments and the interpretation of findings for the evaluation of learning outcomes in traditional and online classroom and clinical settings. Addresses development of plans for course and program evaluation. Reviews ethical and legal considerations for assessment and evaluation in nursing education. Prepares students for role competencies in assessment and evaluation as a nurse educator.

NSG 6676 Nursing Education Preceptorship (3/12)

The course provides experiential learning necessary for students to apply those theories of teaching and learning, teaching strategies, curriculum design and evaluation to instructional design in nursing

education. Involves supervised experience in the role of nurse educator.

NSG 6680 Family Nurse Practitioner Internship (5/20)

Internship course designed to provide extensive clinical experience with a broad spectrum of patients to allow students opportunities to strengthen clinical skills in specific areas. *Prerequisite(s): All core and FNP specialty courses. Corequisite(s): FNP students only NSG 6670.*

NSG 6685 Global Identity (1-3)

Studying abroad is a transformative experience that has the power to challenge our thinking and our perspective on the world. This course aims to attract students across disciplines, to promote interprofessional development, and to prepare them to expand their understanding of their global identity and communicate their growth in intercultural competence toward their personal and professional development. Students make connections between their study abroad experience and the broader range of skills connected with this experience, to become a competitive member of a global workforce.

NSG 6691 Research and Evidence for Advanced Nursing Practice (3)

Reviews the processes for ethical conduct of research and translation of evidence for nursing practice and patient outcomes. Emphasis is on the rigorous critique, utilization and generation of research and evidence relevant to advanced practice nursing. *A grade of "B" or better is required.*

NSG 6692 - Data Analysis and Interpretation in Quantitative Research (2)

Examines basic statistical methods for analyzing, interpreting, and evaluating quantitative data. The focus is on developing knowledge necessary to critically evaluate research reports and selected data.

NSG 6695 Thesis (1-4)

Grading system is Pass/Fail

Prerequisite(s): NSG 6691, NSG 6692

NSG 6696 Scholarly Inquiry Practicum I (1/2)

Faculty-guided experience to further develop the student's knowledge of a special area of interest utilizing research-based inquiry or evidence-based practice. Students must take this course during their final Fall semester. *Grading system is Pass/Fail. Prerequisite(s): NSG 6604, NSG 6660, NSG 6691, NSG 6692.*

NSG 6697 Scholarly Inquiry Practicum II (1/2)

Faculty-guided experience for implementation and evaluation of student's scholarly inquiry. *Grading system is Pass / Fail. Prerequisite(s): NSG 6696. Successful completion of this course meets the MSN comprehensive exam requirement.*

NSG 8801 - Healthcare Informatics and Data Management (3)

Provides an overview of the planning, implementation, and evaluation of clinical information systems. Assists students in recognizing the applications of nursing informatics in healthcare systems. Includes a historical review of the evolution of nursing/

healthcare informatics and current trends. Provides students with an understanding and analysis of information management systems in evidence-based advanced nursing practice and healthcare.

NSG 8802 Applied Biostatistics (3)

Builds on prior knowledge of basic statistical concepts, including descriptive statistics and the components of statistical inference (p-values and hypothesis testing). Emphasizes ethically generated application and results rather than clinical theory. Focuses on application of statistical methods that evaluate evidence-based nursing practice including inferential statistics (t-test, ANOVA, risk index, linear and multiple regression, and other multivariate tests). Requires writing narrative and tabular results using APA format.

NSG 8804 Policy and Politics in Healthcare (3)

Addresses healthcare policies and political forces that shape them. Analyzes the adequacy and impact of current legislation; federal, state, local and workplace policies; and best practice guidelines for patient-centered care, and advanced practice roles. Emphasizes the leadership role of the DNP in areas of analyzing, formulating and implementing healthcare policies. Explores the interrelationships between policies and nursing, organizations, politics, and the economics of healthcare.

NSG 8805 Principles of Epidemiology (3)

Presents concepts, principles, and methods of the epidemiological approach to disease and intervention, identification of cause of disease, response to disease outbreak, disease surveillance, evaluation of screening and prevention measures, and ethical issues in epidemiological research. Applies biostatistical concepts necessary to interpret findings of epidemiological studies and to critically evaluate application to evidence-based practice. Examines distribution and determinants of disease risk in human populations across the lifespan with an emphasis on disease prevention and early detection.

NSG 8810 Synthesis of Evidence Based Practice I: Project Identification (1)

Orients and introduces the DNP Synthesis Project which focuses on the identification and initial development of the DNP Synthesis Project for improvement of nursing practice or patient outcomes within a specialized area of advanced practice. Requires the identification of feasible DNP Synthesis Project idea, synthesis of evidence-based literature, selection of a DNP Synthesis Project Chair and committee and initiation of an eportfolio. Requires completion of a minimum of 60 clinical hours for the development of DNP role competencies. **Corequisite(s):** NSG 8812.

NSG 8812 Foundations of Evidence-based Practice (3)

Explores issues related to evidence-based practice. Emphasizes the process of evaluating evidence for best practices within healthcare delivery systems. Equips the advanced practice nurse with the skills needed to identify, critically appraise, and utilize best evidence to recognize and comprehend concurrent needs and demands of patients, communities, and organizations and direct appropriate

interventions for the improvement of outcomes. *Corequisite(s): NSG 8810.*

NSG 8815 Evaluation Methods for Improvement of Clinical Outcomes (3)

Appraises the methods of evaluation of clinical and program outcomes as they guide safe and effective patient and aggregate health care. Focuses on application of evidence-based models and middle range nursing theories to methodologies and evaluation methods; measurement of study variables related to evidence-based practice; and nurse-sensitive outcomes. Contributes to the development of DNP Synthesis Project methods and outcomes. *Prerequisite(s): NSG 8812 Corequisite(s): NSG 8820*

NSG 8820 Synthesis of Evidence Based Practice II: Project Development (2)

Develops the methodology for an evidence-based DNP Synthesis Project with a systems-level impact for the improvement of nursing practice or patient outcomes within a specialized area of advanced practice. Explores the impact of ethical, safe and effective patient and organizational outcomes in the translation of evidence into practice. Culminates in the defense of the DNP Synthesis Project proposal, compliance with the regulations involving human subjects and approval from Troy University's Institutional Review Board. Requires completion of a minimum of 120 clinical hours for the development of DNP role competencies. *Prerequisite(s): NSG 8810. Corequisite(s): NSG 8815*

NSG 8822 Leadership in Organizations and Systems (3)

Prepares students to lead and manage the challenges of a global, dynamic, and changing healthcare environment. Analyzes and evaluates nursing leadership and evidence-based management theories critical to leading in today's healthcare systems. Focuses on integration and application of concepts of leadership, management, business planning, and evaluation of population-based efforts to provide affordable quality care. Prepares the student to utilize these concepts in articulating a vision encompassing evidence-based care.

NSG 8826 Health Disparities from a Systems Perspective (3)

Explores the relationship between vulnerability, social determinants of health, and health disparities. Analyzes vulnerable populations for the lack of or absence of social determinants of health and the resulting disparity, illustrated with statistics. Analyzes and applies systematic healthcare delivery models best suited for the use in vulnerable populations. Analyzes and applies interprofessional theories to address health disparities and to create novel interventions to resolve them.

NSG 8830 Synthesis of Evidence Based Practice III: Project Implementation (2-4)

Focuses on implementation of an evidence-based DNP Synthesis Project with a systems-level impact for the improvement of nursing practice or patient outcomes within a specialized area of advanced practice. Requires integration of knowledge of nursing theory, evidence-based nursing practice, physiologic and pathophysiologic foundations, ethical and legal

principles and healthcare systems. Involves development of datasets for analysis of DNP Synthesis Project outcomes. Requires completion of a minimum of 120 clinical hours and up to 240 clinical hours. *Prerequisite(s): NSG 8820.*

NSG 8840 Synthesis of Evidence Based Practice IV: Project Evaluation (3-5)

Emphasizes the evaluation, synthesis and critique of DNP Synthesis Project outcomes to support quality clinical or organizational practices. Requires completion of a final paper to the DNP Advisory Committee and presentation to faculty and peers. Concludes with reflection and evaluation of achievement of DNP role competencies. Requires completion of a minimum of 180 clinical hours and up to 240 clinical hours. *Prerequisite(s): NSG 8830. Corequisite(s): NSG 8850.*

NSG 8850 Dissemination (3)

Emphasizes preparation and submission of a manuscript to a professional peer-reviewed journal for dissemination of the DNP Synthesis Project. Includes selection of best fit journals and conferences, review of manuscript submission process, and techniques (guidelines) for scholarly writing. Examines ethical issues related to publication and dissemination. *Corequisite(s): NSG 8840.*

NSG 8860 Continuation of Doctoral Synthesis Project (2)

Provides the DNP student with additional mentorship from the DNP Synthesis Project committee during project development and implementation. Required for all students who continue the project but are not enrolled in a synthesis of evidence-based practice course. May be taken multiple times. *Grading System is Pass/Fail*

NSG 8880 Directed Professional Practicum (1-3)

Provides the DNP student with the opportunity to obtain required clinical hours for completion of the program. 1000 post-BSN clinical hours. Students enrolled in this course will engage in practical professional activities with a preceptor who will facilitate achievement of student-developed learning objectives. These activities may relate to advanced practice or leadership competencies depending upon students' chosen DNP track. This course is capable of providing 60180 contact hours.

PUBLIC ADMINISTRATION

PA 6601 Research Methods in Public Administration (3)

An introduction to basic, applied, and evaluative research methodologies and data analysis techniques. Students apply these methodologies to issues, programs, and research problems in the field of public administration. A grade of "B" or better is required. *Prerequisite(s): PA 6610. In special circumstances, may be waived by the Department Chair.*

PA 6603 Economics for Public Management (3)

An introduction to economic theory emphasizing the application of selected micro-economic and macro-economic theories to issues in public administration.

- PA 6604 Workforce Planning and Staffing (3)**
A study of theory, principles, and legal requirements for effective workforce planning, recruitment, selection, and employment in public and nonprofit organizational settings. The course provides an in-depth analysis of tools, techniques and statistical concepts applied to the fundamental HR function of workforce planning and staffing. *Prerequisite(s): PA 6624.*
- PA 6605 Training and Development (3)**
A study of concepts and practices critical to identifying human resources training and development needs critical to ensuring organizational effectiveness.
- PA 6606 Issues in Managing the Public Workforce (3)**
A study of concepts and practices to introduce the student to public sector employee performance management requirements, sound employee/labor relations practices, how compensation is determined and the various pay systems and benefits, special monetary incentives, and tangible and intangible awards to motivate, retain, and recognize employee performance of today's multigenerational workforce.
- PA 6607 Performance Measurement and Management for Public and Nonprofit Organizations (3)**
This course focuses on how performance measurements are becoming increasingly important in public and nonprofit settings. It will ground students in the fundamentals of performance measurement systems and demonstrate how they are critical from a mission, strategic, funding, transparency and accountability perspective. It will cover not only how to select appropriate measures, but also how to implement a performance measurement system and use performance measures in managing an organization. In addition, the course will highlight the need for leadership and management acumen to ensure success in achieving meaningful, significant and lasting results.
- PA 6608 Comparative Public Administration (3)**
This course employs a global comparative approach to introduce students to the structures, behaviors, and processes of public administration with an emphasis on exploring the role of public management systems within the wider political and democratic frameworks in which they function in a global environment.
- PA 6609 Introduction to Statistics for Public Administration/Quantitative Methods in Public Management (3)**
This course introduces basic, applied, and evaluative research methodologies and data analysis techniques. The purpose of this course is to equip students with knowledge and tools necessary to conduct data-driven research and perform policy analysis and program evaluation in the government and nonprofit workplaces. The topic covers descriptive statistics, basic hypothesis testing, univariate/bivariate analysis, and regression analysis, etc.
- PA 6610 Global Challenges in Public Administration (3)**
An introduction to contemporary global challenges, including the need for more inclusivity, that face leaders in both public and nonprofit organizations in an increasingly multicultural and interdependent global society. This course will introduce students to the role of government and basic management skills needed to meet those challenges from a global perspective including policy making, leadership, management, and ethics.
- PA 6613 Study Abroad in Public Administration (3)**
Guided investigation of public administration and public affairs topics through study abroad where students will participate in international learning experiences.
- PA 6620 Theory of Organizations (3)**
An introduction to the major theoretical approaches and debates in organization theory including core concepts and key issues arising from the classical and contemporary influences. Emphasis is on the evolution of organization theory in the United States and the elements that distinguish public from private organizations.
- PA 6622 Public Policy (3)**
An overview of the theoretical orientations underlying the public policy process and the conceptual framework for differentiating types of public policies. Students examine current issues and policies from various theoretical and practical perspectives. *Prerequisite(s): PA 6601*
- PA 6624 Public Human Resource Management (3)**
A survey of the basic principles, functions, and constitutional issues involved with managing public employees. Specific functions addressed include planning, job analysis, position classification, recruitment and selection, staffing, performance management and appraisal, labor-management relations, training, and other personnel functions.
- PA 6625 - Specialized Study in Public Administration (3)**
A study of problem in a public or nonprofit organization using research design and methodologies and producing a scholarly paper that contributes directly to the student's curriculum. The Director of the MPA Program must approve the topic. PA 6625 may substitute for a required concentration course only once in a student's program and only if taken for three credit hours.
- PA 6630 Strategic Planning (3)**
A study and application of decision-making models with emphasis on understanding the role and importance of strategic planning in public and nonprofit organizations.
- PA 6631 Program Evaluation (3)**
An overview of the theoretical foundations and techniques of program evaluation including need assessments, outcome evaluations, surveys, program outcomes, and impact evaluation. *Prerequisite(s): PA 6601.*
- PA 6632 Arbitration, Collective Bargaining, and Labor Relations (3)**
This course examines the fundamentals of labor relations, exploring a range of issues including employee rights to strike and specific statute addressing collective bargaining on the federal and local levels.

The course provides a practical experience in collective bargaining and arbitration through participation in a bargaining exercise. Specific differences between public and private collective bargaining and labor relations are explored in depth.

- PA 6640 Intergovernmental Relations (3)**
An examination of the administrative, fiscal, and legal issues that govern relations among the various governmental entities in the United States.
- PA 6641 Social Marketing in Public Administration (3)**
The primary objective of this course is the application of traditional marketing principles and techniques to the challenges and rewards of influencing positive public behavior. Social marketing offers a revolutionary approach to solving a range of social concerns, such as public health, safety, emergency management, environmental protection, financial wellbeing, and community involvement. *Prerequisite(s): Graduate Student of good standing.*
- PA 6643 - Advanced Public Human Resource Management (3)**
This course is designed to help the student understand the law as it applies to the management of human resources. Its coverage is aimed at preparing the managers of human resources to recognize legal problems, to know the legal impact of decisions of personnel matters and to be knowledgeable in general of the law as it might impact individuals in organizations. *Prerequisite(s): PA 6624.*
- PA 6644 Administrative Law (3)**
An overview of the legal environment of public administration. The focus is on the powers and procedures of administrative agencies including administrative discretion, rulemaking, investigations, prosecuting, negotiating and settlement based on Constitutional law, statutory law, common law, and agency-made law and the liability of governments and their officers.
- PA 6645 Managing Government Contracts (3)**
An overview of the principles, legal aspects, processes, and strategies of contract management in public and nonprofit organizations.
- PA 6646 Organizational Behavior (3)**
A study of the various theoretical perspectives that help to explain complex organizational behavior in public and nonprofit organizations in the global environment.
- PA 6650 Governmental Budgeting & Financial Management (3)**
A survey of concepts, principles, processes, and practices in governmental budgeting at national, state, and local levels and the interrelationships of planning, programming, and budgeting strategies.
- PA 6660 Readings in Public Administration (1-3)**
A study of problem in a public or nonprofit organization using analytical methods with a public policy focus and producing a scholarly paper that contributes directly to the student's curriculum. The Director of the MPA Program must approve the topic. PA

6660 may substitute for a concentration course only once in a student's program and only if taken for three credit hours.

- PA 6661 Global Challenges in Leadership and Management (3)**
Global change is driven by effective leaders who can identify key problems that need to be solved, understand their root causes and barriers to overcome, develop strategies to address those barriers, design effective coalitions through advocacy and partnerships, and evaluate performance to maximize the impacts of the approach that has been implemented. Effective leadership requires an understanding of the management tools to ensure success, organizational sustainability, and maximum outreach. This course will introduce students to the role of government and basic management skills from a global perspective including policy making, organizational vision and direction, regulations, strategic planning and implementation processes, basic budgeting methods, leadership skills and intercultural team dynamics, and group facilitation, negotiation, and conflict resolution techniques.
- PA 6663 Global Health Administration (3)**
The aim of this course is to accomplish an overview of the multitopic study of global health. The course is compromised of the comprehensive exploration of various health systems, the disparities in healthcare and nutrition on a global level, the burden of disease, child health regional variations, pharmaceuticals access and other low and middle income countries health equity issues.
- PA 6664 Global Perspectives in Local Government (3)**
Today's world is characterized by ever-increasing interconnectedness and interdependence in economic, political, environmental, and social issues. Cities are becoming more ethnically culturally, linguistically, and economically diverse as migration becomes less costly and barriers to immigration decrease. Local government is changing. The growing diversity and less unified common identity in our cities, common identity in our cities, workplaces, businesses, schools create a need for globally competent leaders, public officials, administrators, and educators. This course provides an overview of the social, cultural, economic, and pragmatic issues faced by public local public officials as they traverse the channels of local landscape.
- PA 6665 Organizational Leadership (3)**
An introduction to the major theoretical perspectives in organizational theory and behavior including core concepts and key issues arising from classical and contemporary influences which mold organizational leadership and behavior in public and nonprofit organizations in the global environment.
- PA 6666 Foundations of Nonprofit Organizations (3)**
A survey of the history, theory, and political, organizational, legal, financial, personnel, and service contexts unique to nonprofit management.

PA 6667 Executive Leadership in Nonprofit Organizations (3)

An examination of the managerial tools and professional practices for developing the internal and external capacity of nonprofits. Topics include working with boards, volunteers, and communities; developing partnerships with public, private and other nonprofit organizations; marketing the program; planning special events; and influencing policy directions through lobbying.

PA 6668 Grant Management for Public and Non-Profit Organizations (3)

An overview of strategies and techniques integral to identifying potential funding resources and planning, developing, and writing grant proposals. Topics include program development and grant opportunities, the funding acquisitions processes, stewardship of funds and project management strategies including evaluation, dissemination, and continuation plans.

PA 6674 Ethics in Public Administration (3)

A study of the philosophical and practical issues related to ethical decision making in the public sector. Emphasis is on the analysis of ethical problems and the development of analytical skills and values framework to act ethically in public service roles.

PA 6675 Public Health Services Administration and Policy (3)

The course provides a framework for developing and analyzing a range of U.S. public health policy areas and issues; acquaints students with increased understanding of the context of public health administration and healthcare policy; and examines key factors and forces impacting total public health system performances in the United States.

PA 6676 Legal and Social Issues in Public Health Administration (3)

An examination of the legal and ethical aspects of contemporary legal and social issues within the public health services administration process.

PA 6677 Public Health Preparedness & Emergency Response (3)

The course provides an overview of public health's involvement and response strategies to various natural and unnatural emergencies and the domestic and international responses to disasters, outbreaks, and epidemics.

PA 6678 Introduction to Public Health (3)

An introduction to the mission, roles, issues, and context of public health, community health, and health systems, including the history and mission of public health as well as a comprehensive exploration of the essential services and core functions of public health, social justice, and human rights.

PA 6679 E-Governance (3)

The course studies concepts and methods of eGovernment strategies to include planning, implementing, and evaluating information technology used to deliver government services. Topics include eGovernment strategy, the use of Web 3.0 and social media, policy concerns, and how to assess the

performance and function of e-Government applications and strategies.

PA 6694 Internship (3)

A practical learning experience in a public or nonprofit organization that includes a written paper analyzing a problem pertinent to the student's concentration.

PA 6699 Capstone in Public Administration (3)

The required outcome assessment course using case analyses, research papers, and/or experimental learning projects that emphasize the application of analytical skills and knowledge gained from curriculum courses to administrative, organizational, and policy problems. To enroll in PA 6699, students must have a 3.0 grade point average or better and take PA 6699 as the final core course or, with the approval of their faculty advisor, in conjunction with the final core course in the MPA program. To successfully complete this course, the student must achieve a grade of "B" or better. Students should retain core course textbooks for use in PA 6699. *Prerequisite(s): 3.0 grade point average or better and completion of all required core courses. In special circumstances, may be waived by the student's faculty advisor.*

PA 8801 Introductory Seminar in Public Administration for Global Leaders (3)

This course provides doctoral students with an opportunity to examine globalization from the viewpoint of public administration. Students develop a global perspective and develop their focus a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course examines public administration from the changing context of globalization.

PA 8802 Global Public Administration (3)

This class requires candidates to read, critically analyze, and discuss articles representing primary source literature in the field of global public administration. The course will focus on the development of the students' ability to think critically from a micro perspective (individual) to a macro (organization) global perspective with the goal of identifying promising areas for future research. The focus will be on theoretical and empirical approaches to understanding current phenomenon in the global leadership field. Contributions to the literature will be explored and evolving questions as well as areas for possible research.

PA 8803 Advanced Readings in Global Public Administration (3)

This course provides the student with an opportunity to gain or enhance global public administration knowledge and to explore an area of interest related to global public service research or the delivery and/or administration of public services.

PA 8804 Seminar in Global Public Administration I (3)

This course provides an in-depth understanding of specific issues in global administration. Emphasis throughout the course will be on critical thinking and reading. Attention is given to theoretical and empirical approaches to understanding global public

administration phenomena that have emerged within the last half century. Key questions will be explored, together with contributions to the literature, and evolving questions, as well as areas for future research in global leadership.

PA 8805 Seminar in Global Public Administration II (3)
This course provides an in-depth understanding of specific issues in global public administration. Emphasis throughout the course will be on critical thinking and reading. Specifically, this exploration will include critical analysis of the claims, assumptions, definitions, and values underpinning the key ideas associated with global public administration. Attention is given to theoretical and empirical approaches to understanding global public administration phenomenon that have emerged within the last half century. Key questions will be explored, together with contributions to the literature, and evolving questions, as well as areas for future research in globalization.

PA 8806 Seminar in Global Public Administration III (3)
This course examines public administration from the viewpoint of a global leader. Students develop a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course requires students to synthesize and apply public administration knowledge through global work-based real-life settings.

PHYSICS

PHY 5500 Topics in Physics (3)
This course focuses on selected topics in the field of physics. These may include geophysics, biophysics, nuclear power and waste, relativity, health physics, astrophysics, mathematical methods in physics, particle physics. *Prerequisite(s):* PHY 4438, PHY 4440, and PHY 4446

PHY 5511 Advanced Modern Physics (3)
Foundations of statistical physics, solid state physics, nuclear physics, elementary particles, astrophysics, and cosmology. *Prerequisite(s):* Modern Physics

PHY 5520 Mechanics (3)
A study of the kinematics and dynamics of particles and systems of particles. *Prerequisite(s):* PHY 2262, MTH 3311, and MTH 3364

PHY 5530 Electromagnetic Fields (3)
A study of vector fields, dielectric and magnetic media, fields in conductors, electric and magnetic circuit elements. Maxwell's equations and boundary condition problems in one, two and three dimensions. *Prerequisite(s):* PHY 4435, MTH 3311, and MTH 3364

PHY 5560 Relativity I (3)
Topics included Lorentz transformation, inertial coordinates, causal structure of spacetime, equivalence principle, gravitational effects in special relativity, curved spacetime, and introduction to black holes. This course contains additional graduate-level

content which will further investigate extensions of the topics discussed in the course.

PHY 5578 Relativity II (3)
Topics include tensor calculus, Einstein field equations, rotating black holes and cosmology. This course contains additional graduate-level content which will further investigate extensions of the topics discussed in the course. *Prerequisite(s):* PHY 5560

PHY 5591 Guided Independent Research (1)
A laboratory based physics research project under the direction of a faculty member. The project must culminate in a written report with the results presented at a department seminar. *Prerequisite(s):* Permission of Instructor.

PHY 5593 Guided Independent Study (3)
An independent study for advanced students under the direction of a faculty member. *Prerequisite(s):* Permission of Instructor.

PHY 6600 Advanced General Physics (3)
This course explores the scientific view of the world as it has developed from the earliest theories of Aristotle, Euclid and Newton to modern theories such as Einstein's relativity and quantum mechanics. *Prerequisite(s):* Eleven hours of college physics or permission of instructor.

PHY 6625 Specialized Study in Area of Physics (1-3)
A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is to be made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense.
Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): Permission of Instructor.

PHY 6626 Specialized Study in Area of Physics (1-3)
A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is to be made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense.
Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): Permission of Instructor.

PHY 6627 Specialized Study in Area of Physics (1-3)
A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is to be made

and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense.

Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite(s): Permission of Instructor.

POLITICAL SCIENCE

- POL 6605 Foundations of Public Administration (3)**
An overview of the history and intellectual foundation of public administration including the major ideas, developments, theories, concepts, and contributors to the growth of public administration and its practice in the United States. The students is introduced to the case analysis method.
- POL 6622 Comparative Government (3)**
A comparative analysis of state governments in the world with an emphasis on political cultures, governmental institutions and political processes that lead to differences and international tensions.
- POL 6624 Intercultural Relations (3)**
An analysis of the influence of culture on interstate relations including theories, concepts, and applications.
- POL 6636 Selected Topics in Political Science (3)**
An examination of a specifically defined topic of special and/or current interest and importance, which is not covered in regular course offerings in the Political Science Concentration.
- POL 6649 Leadership in Public Administration (3)**
A survey of leadership theories, styles, and strategies in the contemporary public and nonprofit workplace.
- POL 6650 American Politics (3)**
An examination of the American government, institutions, and political structure.
- POL 6657 Contemporary American Foreign Policy (3)**
An examination of the foreign policies processes of the United States including historical traditions, political institutions, economic and military capabilities, the Congress, the Presidency, interest groups, the media, and public opinion.

POST SECONDARY EDUCATION

- PSE 6660 Trends and Issues in Adult Education (3)**
This course focuses on current trends in adult education. It includes a comprehensive investigation of current issues in adult education and an examination of how historical events and ideas have influenced those issues and trends. Special emphasis will be given to the analysis of trends and issues and

formation of judgments based on supportable information.

- PSE 6665 Field Project in Post Secondary Education (3)**
This course helps students make connections between theoretical knowledge and practical situations. The content of this course is variable, depending on the individual student's interests, present situation, and future plans. The determination of the content for each student will be made through collaboration between the student, the student's adviser, and the instructor of the course. Students may focus on supervised teaching, action research, or a project with a major field agency. *Prerequisite(s): This course is open only to students enrolled in the Masters of Science in Post Secondary Education program who have completed 18 hours of coursework including the research class.*
- PSE 6670 Psychological Foundations of the Adult Learner (3)**
An in-depth study of research findings and psychological concepts related to the nature of adult learners and learning processes; principles of motivation, effective instructional design geared toward adult learners; and social and cultural influences on adult learning. Emphasis will be given to the understanding of critical and variable attributes of adult learners.
- PSE 6680 Curriculum Development for Adult Education (3)**
A study of concepts, learning theories, materials, and media related to curriculum and program development in adult education.
- PSE 6691 Research Methodology (3)**
The study and evaluation of research methods commonly used in the social sciences. The course will provide information necessary to understand and apply research processes, synthesize knowledge and writing, and plan and organize research problems for interpretation and application of research results. Application of these skills in the form of a written project using the Publication Manual of the American Psychological Association (APA) is required. A grade of "B" or better is required.
- PSE 6695 Thesis (3-6)**
The thesis must be related to both the students' concentration area and post secondary education. Information regarding thesis guidelines and requirements may be obtained from the Graduate School office. *Grading system is Pass/Fail.*
- PSE 6699 Capstone in Post Secondary Education (3)**
This course is a culminating experience that helps students integrate and apply the knowledge they have gained through their previous coursework. Emphasis is placed on challenging students to view the post secondary educational process from many perspectives. Students complete field experiences appropriate to their concentration areas and analyze case studies drawn from real-life situations. Students also create a personal philosophy of post secondary instruction. *Prerequisite(s): This course is open only to students enrolled in the Master of Science in Post Secondary Education program. Students may take*

this class only during their last two semesters of coursework.

PSYCHOLOGY

- PSY 5501 Psychological Tests and Measurements (3)**
The selection, evaluation, administration, scoring, interpretation and use of tests of intelligence, proficiency, interests, personality, aptitude and social adjustment.
- PSY 5556 Gerontology (3)**
The study of aging. Emphasis on biomedical, psychological, and social aspects of middle and late adulthood.
- PSY 5559 Applied Behavior Analysis (3)**
This course is an advanced study of the characteristics, research methods, concepts, and applications of applied behavior analysis. Students will design, implement, and present a behavior-change project and read articles in the field of applied behavior analysis.
- PSY 6606 Interventions for Children and Adolescents (3)**
This course examines the behavioral characteristics of children and adolescents including their emotional, social, and cognitive behaviors. Emphasizes intervention, assessment, diagnoses, teaching, and prevention.
- PSY 6607 Introduction to Infant/Early Childhood Mental Health (3)**
This is a graduate level course and will provide an overview of the trajectory of early human development for infants and their families. Influences that lead to mental health wellbeing and influences that can push development off track will be examined through the lens of attachment, neurobiology, ethics, and biopsychosocial factors. A clinical mental health and reflective perspective will be employed to inform understanding, case conceptualization, assessment and treatment of infants and their families. Student taking this course will conduct a series of three observations modified version of the "Tavistock method of Infant Observation" and receive a minimum of two hours of reflective supervision/consultation via an online platform every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. *Prerequisite(s): Advisor's approval*
- PSY 6609 Infant/Early Childhood Testing and Evaluation (3)**
This is a graduate level course and is intended to provide an understanding of various models of assessment by examining biopsychosocial development and cultural formation of infants and their families through a reflective lens of attachment, neurobiology, ethics, case conceptualization, and other factors using clinical observations of infants, families, and relationships; informal and formal assessments. Student taking this course will conduct a series of three observations modified version of the "Tavistock method of Infant Observation" and receive a minimum of two hours of reflective supervision/consultation via an online platform every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. *Prerequisite(s): PSY 6607*
- PSY 6610 Physiological Dynamics of Alcohol & Other Drugs (3)**
A study of physiological and psychological dynamics and resultant behavioral implications in use of alcohol and other drugs. Based on assessment of dynamics and behavior and application of diagnostic procedures using appropriate manuals and materials.
- PSY 6612 Infant/Early Childhood Neuroscience, Diagnosis & Treatment Planning (3)**
This is a graduate level course and will examine current theory, research and clinical practice regarding Neuroscience and Diagnosis and Treatment Planning for Infants and Early age children in the context of their family system. A specific area of examination will be the use of the Diagnostic Classification of Mental Health and Developmental Disorders of Infancy and Early Childhood (DC05). Neuroscience and interpersonal neurobiology will be discussed and considered together with ethics, cultural and other specific influences when diagnosing and designing appropriate treatment plans for this population. Student taking this course will conduct a series of three observations modified version of the "Tavistock method of Infant Observation" and receive a minimum of two hours of reflective supervision/consultation via an online platform every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. *Prerequisite(s): PSY 6607, PSY 6609*
- PSY 6613 Objective Personality Assessment (3)**
The student will learn basic administration, scoring procedures, and utilization of assessment results in clinical practice for various objective personality and temperament measures. Application of objective personality instruments and computer scoring will be explored. *Prerequisite(s): PSY 6645 or similar graduate course and PSY 6669 or similar graduate course.*
- PSY 6614 Abnormal Psychology (3)**
An advanced study of theories, research, etiology, assessment, and diagnosis of psychological disorders as defined by the current edition of the Diagnostic and Statistical Manual of Mental Disorders.
- PSY 6615 Reflective Supervision (3)**
This is a graduate level course and will focus on understanding and engaging in Reflective Supervision exploring historical formation and current use of Reflective Supervision. The Reflective Interaction Observation Scale (RIOS™) will be used to understand and to practice Reflective supervision/consultation. Attention will be given to establishing, maintaining and improving the reflective alliance. Additionally, course work will include understanding Reflective supervision models, which will include but not be limited to fields of mental health counseling, early child care, psychology, social work, nursing, K-12

education, and any persons involved in working with infants/early aged children and their families. Student taking this course will conduct a series of three observations modified version of the "Tavistock method of Infant Observation" and receive a minimum of two hours of reflective supervision/consultation via an online platform every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. *Prerequisite(s): PSY 6607, PSY 6609, PSY 6612.*

PSY 6616 Psychology of Leadership (3)

This course examines the psychological aspects of leader theories and effective leadership. Topics include leadership styles and behaviors, adaptive and situational leadership, decision making, and empowerment for leading change. The course includes leadership training, team work, diversity, and organizational strategy for global, cross-cultural leadership.

PSY 6617 Ethical, Legal, and Professional Issues (3)

Ethical and Legal Principles of Psychologists, Code of Conduct, and the values and ideas that guide practice and research in the field of psychology. Topics include confidentiality, informed consent, competence, integrity, respect, and using the ethical code to make decisions in a variety of settings. This course will also cover professional conduct in terms of interacting with people within a multicultural world.

PSY 6620 Introduction to Play Therapy (3)

This course is designed to promote the development of a historical, theoretical and ethical basis for the practice of play therapy. This course must be taught by a registered play therapist.

PSY 6621 Social Psychology (3)

An advanced study of social behaviors with a focus on social theories and empirical findings related to social perception, social influence, social interaction, and applied social psychology.

PSY 6625 Specialized Study in Psychology (3)

A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

PSY 6626 Specialized Study in Psychology (1-3)

A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

PSY 6627 Specialized Study in Psychology (1-3)

A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required. See semester hour limits listed under Course Restrictions in General Regulations section.

PSY 6628 Principles of Behavior Analysis (3)

Students will develop competence in the use of technical terminology pertaining to the concepts and principles of behavior analysis.

PSY 6629 Psychology of Learning (3)

This course is an advanced study of the experimental methods, concepts, and theories of learning. Basic research as well as applications to the everyday world will be covered.

PSY 6630 Ethics and Professionalism in Behavior Analysis (3)

Students will develop an understanding of legal constraints and ethical guidelines pertinent to behavioral research and practice. They will also develop an understanding of the Behavior Analysis Certification Board Compliance Code and Disciplinary Systems.

PSY 6631 Psychological Foundations of Education (3)

An overview of educational psychology, including research findings and philosophical concepts related to nature of learner and learning process; principles of motivation and educational evaluation; and educational concepts representing different schools of psychological theory.

PSY 6632 Research Methods in Behavior Analysis (3)

Students will develop competence in measurement of behavior, data collection and analysis, graphic representation, and experimental design with particular emphasis on single-subject design.

PSY 6633 Advanced Psychology of Learning (3)

A study of the historical roots and contemporary principles and theories of human learning and their applications to educational practices. Emphasis of this course is on contemporary perspectives and developments; field and cultural influences on learning; and the relation of individual and group adjustment to school learning.

PSY 6635 Vocational Psychology and Career Development (3)

This course covers the procedures used in obtaining, organizing, integrating, and utilizing educational and occupational information including electronic media. Career development theories, scope of the world of work, decision making strategies and counseling for career development including information on the relationship between career choice and lifestyle. Attention is given to the appraisal of interest, aptitude and personality measurements.

PSY 6636 Wechsler Scales (3)

An exploration of the theory, nature, and measurement of human intelligence. Techniques of admini-

stering the Wechsler scales are taught include but are not limited to the following WAISIII, WISCIII, WPPSI, WIAT, and WMS. The student administers, scores, and interprets test batteries and writes satisfactory reports. *Prerequisite(s): PSY 6645 and adviser approval.*

PSY 6637 Stanford Binet and Others (3)

This course requires the administration, scoring, interpretation and reporting of psychoeducational batteries, including Binet IV, Woodcock Johnson, PIAT, and Kaufman. This course will include measures of intelligence, academic achievement, adaptive behavior, behavior rating, and perceptual-motor skills. The primary focus will be upon those instruments commonly used in schools excluding the Wechsler scales. *Prerequisite(s): PSY 6645, PSY 6636, and adviser approval.*

PSY 6638 Philosophy of Cognitive Development (3)

An investigation of educational philosophies and human development as they relate to cognitive development and teaching of thinking skills.

PSY 6641 Behavior Assessment (3)

Students will develop competence in a broad range of common behavioral assessments, including preference assessments, skill-based assessments, and functional behavior assessment and analysis.

PSY 6643 Behavior Change Procedures (3)

Students will develop competence in a broad range of common behavioral interventions, including differential reinforcement procedures, token economies, and behavioral contracts.

PSY 6644 Bio-Psychology (3)

A study of the physiological correlates of behavior focusing on the cells of the nervous system, the structure and functions of the nervous system, psychopharmacology, drug abuse, and research techniques.

PSY 6645 Evaluation and Assessment of the Individual (3)

The study of knowledge and skills necessary to obtain records, appraise information, and write reports regarding individuals. Involves integration and use of data from interviews, standardized tests, scales, inventories, and other procedures, including individual and group assessment methods. *Residency Required.*

PSY 6646 Survey of Industrial Organizational Psychology (3)

This course covers applied psychology in the workplace. Topics include personnel selection, organizational learning and training, performance management, organizational change, teamwork, job satisfaction, work behavior and attitudes, motivation, union/management relations, and leadership styles.

PSY 6647 Organizational Behavior Management (3)

Students will develop competence in personnel supervision and management. They will also develop competency in selecting and implementing interventions designed to improve personnel performance and safety.

PSY 6648 Theories of Personality (3)

A critical analysis of major theories and systems of personality.

PSY 6649 Experimental Analysis of Behavior (3)

Students will develop competence in understanding how principles of behavior are discovered and described in the context of basic research.

PSY 6650 Practicum Psychometry (3)

This course provides field supervised experiences preparatory to the Internship in School Psychometry/School Psychology. At least 100 hours of prescribed experiences in school psychometry/psychology must be completed at approved schools (K-12) and must be supervised by an approved school psychometrist or school psychologist. *Prerequisite(s): PSY 6636 and PSY 6637*

PSY 6653 Measurement and Evaluation (3)

A study of basic statistical processes and measures used in education, counseling, and psychology. Analysis of a variety of standardized tests and measurement procedures including construction, use, and interpretation. Construction of teacher/counselor-made tests and measuring devices.

PSY 6654 Behavioral Theory and Philosophy (3)

Students will develop competence in the history and philosophy of behaviorism, theoretical approaches to understanding behavior, and interpretation of behavior in terms of the concepts and principles of behavior analysis.

PSY 6655 Internship Psychology Assessment (1-6)

This course will provide a clinical internship appropriate to the specialty and practice of psychological technician. Training will be six months in duration and consist of at least 500 hours, 250 of which hours must be in direct contact with patients/clients. The student will be supervised for at least one hour per each five hours of client contact. At least 60% of supervision will be provided by a licensed psychologist. *Grading system is Pass/Fail.*

PSY 6656 Special Topics in Behavior Analysis I (3)

An examination of selected topics or issues in behavior analysis.

PSY 6657 Special Topics in Behavior Analysis II (3)

An examination of selected topics or issues in behavior analysis.

PSY 6659 Cognitive and Behavioral Interventions (3)

This is a study of the basic principles and techniques of cognitive and behavioral systems of intervention. Applications of these techniques are applied to the problems of children and adults in school, home, and clinic settings are presented.

PSY 6660 Cognitive Psychology (3)

This course covers the properties of human cognition and the principles that govern how it works. Course content includes classic and recent findings in core topics in cognitive psychology such as attention, perception, memory, language comprehension, and problem-solving.

PSY 6661 Developmental Psychology (3)

An advanced study of human development with emphasis on major developmental theories and the psychosocial, physical, emotional, and cognitive changes that occur across the lifespan.

PSY 6662 Internship Psychometry (3)

This course includes at least 300 hours of prescribed experiences in school psychometry, completed at approved schools (K-12), and supervised by an approved school psychometrist or school psychologist. *Grading system is Pass/Fail. Prerequisite(s): PSY 6650 and approval of instructor.*

PSY 6664 Assessment of Disabling Conditions (3)

This course covers client assessment in the rehabilitation process and knowledge and skills required by the counselor in order to provide quality services to the individual. *Prerequisite(s): PSY 6653 or permission of instructor.*

PSY 6668 Human Lifespan and Development (3)

A study of the nature and needs of individuals at all developmental levels. Problems of human adjustment faced at all stages of development from conception through retirement, including adjustment issues in the home, school, work place, social groups, and retirement. An understanding of developmental crises in human behavior is also a goal of this course.

PSY 6669 Behavior Pathology (3)

A study of psychopathological disorders with emphasis on the psychological, social, and biological origins. The current classification system used by the American Psychiatric Association is used as a foundation. Diagnosis and treatment planning are emphasized.

PSY 6670 Diagnosis and Treatment Planning (3)

A course designed to assist mental health professionals in the understanding and application of a multi-axial system (current edition of the Diagnostic and Statistical Manual). Also included is a comprehensive treatment planning strategy for development statements of behavioral symptoms, short-term objective, long term goals and therapeutic interventions. Psychopharmacology treatment interventions are covered. *Prerequisite(s): PSY 6669.*

PSY 6671 Concentrated Supervised Fieldwork I (3)

Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6672 Concentrated Supervised Fieldwork II (3)

Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6673 Concentrated Supervised Fieldwork III (3)

Students will develop skills in professional practice

and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6674 - Concentrated Supervised Fieldwork IV (3)

Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6676 Concentrated Supervised Fieldwork V (3)

Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6677 Concentrated Supervised Fieldwork VI (3)

Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.

PSY 6679 Infant/Early Childhood Internship (3)

This is a graduate level course and the purpose of the Infant/Early Childhood Internship is to promote the student's understanding and integration of knowledge and skills developed through courses and field placement experiences focused on infant and early childhood mental health. Through direct observation of infant/early age child and family development, assigned readings, group discussion, and class presentations, the developmental and relationship needs of infants/early aged children, parents, families, ethics, and standard of care will be deeply explored. Students will be encouraged to explore their own response to being with infants and families and will be required to write about these experiences. Student taking this course will conduct a series of three observations modified version of the "Tavistock method of Infant Observation" and receive a minimum of two hours of reflective supervision/consultation via an online platform every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. *Prerequisite(s): PSY 6607, PSY 6609, PSY 6612, PSY 6615.*

PSY 6680 Thesis I (1-3)

Independent research under the supervision of the student's advisory committee. A thesis proposal must be approved by the student's advisory committee. Grading is Pass/Fail.

PSY 6681 Thesis II (1-3)

Independent research under the supervision of the student's advisory committee. A thesis defense must be approved by the student's advisory committee. Grading is Pass/Fail.

- PSY 6682 Capstone (3)**
This capstone course synthesizes the knowledge and research skills acquired throughout this graduate program into a nonempirical research project. The capstone project will consist of a comprehensive theoretical paper, integrative research review, or position paper on an emerging topic or contemporary issue relevant to psychology.
- PSY 6688 Medical/Psychosocial Aspects of Disability (3)**
A study of medical and psychological information related to the disabled persons and to their families. Aspects of personal and social adjustment will be emphasized.
- PSY 6689 Research Methods/Statistics I (3)**
This course covers introductory research theory, design, and analysis as well as applicable descriptive and inferential statistics. *Prerequisite(s): A grade of "B" or better is required.*
- PSY 6690 Research Methods/Statistics II (3)**
This course covers advanced research theory, design, and analysis as well as applicable descriptive and inferential statistics. *Prerequisite(s): A grade of "B" or better is required.*
- PSY 6693 Psychological and Educational Statistics (3)**
A study of variety of descriptive and inferential statistics commonly used in psychology and education. Emphasizes application of statistical methods to research design. A grade of "B" or better is required. *Prerequisite(s): ADE 6691/CP 6691/EDU 6691.*
- PSY 6694 Global Psychology Study Abroad (1-3)**
This course examines the multifaceted influences on psychological functioning within the context of globalization, focusing on significant issues such as security, food, health, and environmental challenges. Designed to attract students from diverse disciplines, the course fosters inter-professional collaboration and equips students with a deeper understanding of their global identity and intercultural competence for personal and professional growth. Students will have an opportunity for a study abroad or within the interior United States experience to gain firsthand insights into cross-cultural applications of psychological principles. This transformative experience will deepen students' understanding of varied social, cultural, and environmental factors, broaden perspectives, enhance cultural awareness, and develop essential global competencies.
- PSY 7700 Professional School Psychology (3)**
This course provides a knowledge base specific to the professional practice of school psychology and includes legal and ethical issues, professional standards, models of service delivery, roles of the school psychologist, modern technology, and assessment. Enrollment limited to Ed.S. students.
- PSY 7725 Specialized Study in Psychology (1-6)**
Under supervision of faculty member selected by student and approved by adviser and faculty supervisor, student may pursue extensive study of particular area which fits his/her academic needs but is not available in regular curriculum. Department will establish guidelines for supervision and pursuance of study. See semester hour limits listed under Course Restrictions in General Regulations section.
- PSY 7726 Specialized Study in Psychology (1-6)**
Under supervision of faculty member selected by student and approved by adviser and faculty supervisor, student may pursue extensive study of particular area which fits his/her academic needs but is not available in regular curriculum. Department will establish guidelines for supervision and pursuance of study. See semester hour limits listed under Course Restrictions in General Regulations section.
- PSY 7727 Specialized Study in Psychology (1-6)**
Under supervision of faculty member selected by student and approved by adviser and faculty supervisor, student may pursue extensive study of particular area which fits his/her academic needs but is not available in regular curriculum. Department will establish guidelines for supervision and pursuance of study. See semester hour limits listed under Course Restrictions in General Regulations section.
- PSY 7753 Internship School Psychology (3-6)**
At least 300 hours per three-semester-hour course of prescribed experiences in school psychology, completed at approved schools (K-12), and supervised by an approved school psychologist. The student is advised to check national and multistate requirements for internship experiences. *Prerequisite(s): PSY 6650 and approval of instructor.*
- PSY 7754 Internship School Psychology (3)**
At least 300 hours per three-semester-hour course of prescribed experiences in school psychology, completed at approved schools (K-12), and supervised by an approved school psychologist. The student is advised to check national and multistate requirements for internship experiences. *Prerequisite(s): PSY 6650 and approval of instructor.*
- PSY 7755 Internship School Psychology (3)**
At least 300 hours per three-semester-hour course of prescribed experiences in school psychology, completed at approved schools (K-12), and supervised by an approved school psychologist. The student is advised to check national and multistate requirements for internship experiences. *Prerequisite(s): PSY 6650 and approval of instructor.*
- PSY 7794 Field Project (3)**
An independent study of a problem of a practical nature that is encountered in a field setting. A proposal for the study and a written report of findings must be approved by the student's advisory committee. The advisory committee may administer an oral examination covering the research findings.
- PSY 7795 Thesis (3)**
Independent research for and preparation of a scholarly paper related to a school psychology problem under the supervision of the student's advisory committee. A research proposal and the written paper must be approved by the student's advisory committee. The advisory committee will administer an oral

examination covering the research findings. *Grading system is Pass/Fail.*

QUANTITATIVE METHODS

QM 6640 Data Analysis for Global Managers (3)

This applied course provides the skills managers need to analyze data quantitatively and to make decisions using spreadsheet modeling tools. As a basic understanding of statistical concepts is assumed, the focus will be on the application of these concepts. Topics covered include probability distributions, statistical inference, regression analysis, time series analysis and forecasting, quality management, and an introduction to simulation. *Prerequisite(s): Graduate standing, admission into the MBA program and all undergraduate business courses or equivalent completed.*

QM 6641 Management Science (3)

An analysis of the probabilistic and deterministic quantitative techniques available to business managers involved in the decision-making process of the marketplace. Included is an evaluation of the models and processes now available for problem-solving purposes. *Prerequisite(s): QM 6640*

QM 6655 Introduction to Project Management (3)

This course provides an introduction to effective project management theory, tools, and techniques used throughout the entire project sequence, from pre-project definition through post-project evaluation. *Prerequisite(s): Admission into the MSM degree program. Undergraduate statistics course within 8 years preferred, or demonstrated proficiency in statistics.*

QM 6660 Intermediate Project Management (3)

This course provides an extension of QM 6655. Emphasis is on the extensive use of project management software to enhance the student's knowledge of project management and his or her value to the organization. *Prerequisite(s): Graduate standing. Admission into the MSM degree program, QM 6655.*

QM 6665 Advanced Project Management (3)

The course is an in-depth study of the Project Management Body of Knowledge from the Project Management Institute. All knowledge areas are covered. It prepares students to take the CAPM or PMP exams, if they choose. *Prerequisite(s): QM 6655.*

READING

RED 6603 Special Topics in Literacy (3)

An in-depth investigation of an approved topic designated by the instructor and the student for further research and exploration of a particular topic in literacy education.

RED 6625 Specialized Study in Area of Literacy (1-3)

A study of a problem or problems using research techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, the appropriate

college dean, and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

RED 6630 Directed Reading Practicum (3)

This course is designed to provide the future teacher with directed practice in providing reading interventions to individual students or small groups of students in school settings. Experiences in the planning and preparation of lessons, modification of lesson procedures, and materials to fit student needs and the ongoing evaluation of student progress are included.

RED 6631 Language & Literacy Acquisition: Birth to Grade 3 (3)

This course provides an overview of language and literacy development from birth to grade 3. Teacher candidates and in-service educators will learn strategies for promoting language and literacy development at school and home. Pedagogical instruction will be grounded in emergent literacy and science of reading research, focusing on oral language, vocabulary, phonological awareness, phonics, and writing.

RED 6670 Advanced Study of Literacy (3)

This course will require students to examine, in depth, the science of reading. Reading subskills, including phonological awareness, fluency and comprehension, will be covered, as well as specific teaching methodologies proven effective for literacy instruction. These strategies will include explicit and systematic instruction, guided practice, error correction, corrective feedback, and multisensory language instruction. Course content will emphasize specific teaching methodologies to improve reading comprehension.

RED 6672 Literacy Instruction: K-6 (3)

This course develops knowledge and strategies in literacy instruction for grades K-6. Teacher candidates and in-service educators will examine current theories and research from the body of science of reading research. Specific emphasis will be placed on instructional strategies in reading fluency, vocabulary, reading, comprehension, and writing. *Prerequisite(s): RED 6631 or with the permission of the department chair or designee.*

RED 6674 Literacy in the Content Areas Grades 6-12 (3)

The examination of research-based methods and materials for teaching reading and writing in grades 6-12. Field experiences required.

RED 6675 Literacy Instruction for Exceptional Students (3)

This course focuses on literacy instruction for students with special needs, including English Language Learners, students with exceptionalities, and students with reading levels well below their peers.

RED 6676 Literacy Assessment & Intervention (3)

This course provides an in-depth study of the principles of assessment and evaluation for improving language and literacy learning. Formal and informal methods of literacy assessment will be explored. Approaches to intervention informed by science of reading research will be introduced. Teacher candidates and in-service teachers will collect and analyze data to provide differentiated instruction and interventions. Field experiences required. *Prerequisite(s): RED 6631 and RED 6672 or with the permission of the department chair or designee.*

RED 6678 Literacy and Multicultural Diversity (3)

A course designed to help teachers explore the cultural values, language structures, and belief systems of the major racial, ethnic, and national groups found in today's classrooms. Specifically, methods, materials, and evaluation instruments and techniques which would maximize learning efficiency for these culturally diverse groups will be introduced. Children's literature and instructional activities that would increase self esteem and understanding of cultural diverse groups and their contributions to society will be explored.

RED 7778 Teaching Reading to Culturally Diverse Groups Through Literature (3)

A course designed to help teachers explore the cultural values, language structure and belief systems of the major racial, ethnic, and national groups found in today's classrooms. Specifically methods, materials and evaluation instruments and techniques which would maximize learning efficiency for these culturally diverse groups will be introduced.

RESEARCH

RES 8801 Mixed Methods in Research Methodology (3)

This course provides an overview of mixed methods research, particularly as it relates to educational research. Specifically, mixed methods research is put into historical context, and examined as a third research paradigm. In doing so, attention is given to the progression and methodological uncertainties related to the definition, philosophical assumptions, designs and analytic approaches. The applied nature of the course will address strategies for conducting, reporting, and evaluating mixed methods research in education.

RES 8802 Qualitative Research Methodology (3)

This course provides an overview of qualitative research, particularly as it relates to educational research. Specifically, qualitative is put into historical context, and examined as a research paradigm. In doing so, attention is given to the progression and methodological uncertainties related to the definition, philosophical assumptions, designs and analytic approaches. The applied nature of the course will address strategies for conducting, reporting, and evaluating qualitative in education.

RES 8803 Quantitative Research Methodology (3)

This course is a study of descriptive and inferential statistics. Emphasis is placed on the application of

statistical method to research design. Instruction deals specifically with measures of central tendency and variability, probability theory, estimation and significance, correlation and regression, analysis of variance, and chi-square. A grade of "B" or better is required.

RES 8804 Assessment and Evaluation in Global Leadership (3)

This course provides an overview of assessment and evaluation as an inquiry process. The course will review the philosophy and practice of assessment and evaluation. The course will further examine the usefulness and appropriateness of various program evaluation methodologies (quantitative, qualitative, mixed methods), theories of evaluation usage and practice, and theories of valuing in the global environment. Additional emphasis is placed upon the practical application of evaluation theories, designs, models and techniques for use in assessment.

RISK MANAGEMENT

RMI 6658 Special Topics in Risk Management and Insurance (3)

This course examines selected topics in risk management that are not covered in other course offerings. The topics for the course will be indicated in advance. Students may only take this course once for a maximum credit of three hours. *Prerequisite(s): ECO 6655*

GENERAL SCIENCE

SCI 5503 Conservation (3)

The conservation of natural and human resources with emphasis on population expansion as the major element in a changing ecology.

SCI 5560 Science and Society (3)

A study of the social, political and economic implications of scientific discovery, innovation, and implementation. *Prerequisite(s): Twelve hours of coursework in science or permission of instructor.*

SCI 5595 Selected Topics in Science (3)

Specialized topics not generally included in course offerings. Course may be taken twice for a maximum of six hours toward degree requirements. See semester hour limits listed under Course Restrictions in General Regulations section. *Prerequisite(s): Eight hours of coursework in science or permission of instructor.*

SCI 6625 Specialized Study in Area of Science (1-4)

A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See

semester hour limits listed under Course Restrictions in General Regulations section.

SCI 6626 Specialized Study in Area of Science (1-4)

A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

SCI 6627 Specialized Study in Area of Science (1-4)

A study of a problem or problems using research techniques. Selection of a problem must be approved by the professor under whom the study is made and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any combination of enrollments in these courses may not exceed four semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

SECONDARY EDUCATION

SED 5544 Internship Seminar (3)

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. This course must be taken concurrently with internship.

SED 6695 Secondary Internship Grades 6-12 (6)

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester.

SECOND LANGUAGE INSTRUCTION

SL 6610 Survey of SLA for SL Teachers (3)

This course will look at recent research and publications relative to second language teaching. Not only will specific areas selected by the instructor be examined but the students in the class will have the opportunity to suggest areas of particular interest to them. This course provides opportunities for the

student to extend knowledge and skills necessary for developing programs, electing appropriate method and employing materials, and evaluation in second language teaching.

SL 6615 Intro to Linguistics (3)

The purpose of this course is to provide students with a foundational understanding of the complex multifaceted system that we call language. Through lectures, discussions, and problem solving, students will develop an understanding of the various components that constitute language acquisition and to describe the interlanguage of language learners. In the first midterm, the areas of psycholinguistics, sociolinguistics and animal communication as they relate to second-language learning will be explored.

SL 6620 Survey of Sociolinguistics for Second Language Teachers (3)

Sociolinguistics is the study of the systematic relations of language varieties and social groups. A wide variety of phenomena are investigated in sociolinguistics, including social, regional and stylistic variation, pidgins and creoles, multilingualism, age and gender differences, relationship between language and culture, etc. The goal of the course will be to gain understanding and an awareness of the sociocultural factors that influence the way people use different language varieties to communicate with each other.

SL 6630 Principles, Techniques & Materials in SL Teaching (3)

This course overviews the teaching principles, techniques and materials relevant to an interactive approach to second language teachers. Students will expand their teaching repertoire by studying curriculum design, assessment measures, learner variables, techniques and materials for teaching grammar/vocabulary/four skills (listening, speaking, reading and writing) and sociopolitical contexts for teaching ESL/EFL. *Prerequisite(s): SL 6635 - Methods & Approaches in SL Teaching*

SL 6635 Methods & Approaches in SL Teaching (3)

This course will look at recent research and publications relative to SECOND LANGUAGE TEACHING. Not only will specific areas selected by the instructor be examined, but the students in the class will have the opportunity to suggest areas of particular interest to them. This course provides opportunities for the student to extend knowledge and skills necessary for developing programs, selecting appropriate methods and employing materials and evaluating in language teaching.

SL 6640 Teaching Language Skills (3)

The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of language and develop techniques to teach a new language and its background culture connected to the language. This class will help participants to develop instructional strategies and practical tools for integrating culture into a language acquisition classroom.

- SL 6645 Grammar (3)**
The purpose of this course is to assist graduate students as they investigate and construct a deeper understanding of and develop techniques to teach a new language and its grammar connected to the language. This class will help participants to develop instructional strategies and practical tools for integrating grammatical instruction into a language acquisition classroom.
- SL 6653 Assessment & Evaluation (3)**
The purpose of this course is to provide students with an overview of the skills, techniques and information necessary to become competent in the process of second language assessment and research. Students will be required to learn and practice various forms of assessment and research. The learning structure of this course will consist of interactive instructor presentations, learning activities, group discussions, independent readings and practice of assessments and research procedures.
- SL 6691 Research Methodology (3)**
This course will examine issues and recent research on second language acquisition (SLA). The course will provide information necessary to understand and apply research processes, synthesize knowledge and writing, and plan and organize research problems for interpretation and application of research results. Application of these skills in the form of a written project using the Publication Manual of the American Psychological Association (APS) is required. This research course may not be substituted with another research course or one transferred from another university. A grade of "B" or better is required).
- SL 6695 Thesis (1-3)**
The thesis must be related to a Second Language Instruction problem or situation. Information regarding the thesis program may be obtained from the Dean of the Graduate School. This course may be repeated. *Grading system is Pass/Fail. Prerequisite(s): All 9 of the Core Courses must be completed.*
- SL 6696 Practicum (3)**
Supervised experiences related to instruction in area of specialization. The application of skills, concepts and principles acquired in previous courses will be emphasized as well as all the principles of the SIOP Model. *Prerequisite(s): All 9 of the Core Courses must be completed.*
- SL 6699 Capstone (1-3)**
This course helps students make connections between theoretical knowledge and practical situations. The content of this course is variable, depending on the individual student's interests, present situations and future plans. The determination of the content for each student will be made through collaboration between the student, the student's advisor and the instructor of the course. Students may focus on supervised teaching, action research or a project with a major field agency. *Prerequisite(s): All 9 of the Core Courses must be completed.*

SOCIOLOGY

- SOC 5506 Urban Society (3)**
Historical, physical, economic, and social evolutions of urbanized areas. There is an emphasis on contemporary urban problems with implications for policy and planning.
- SOC 5515 Sociology of Gender (3)**
Provides an analysis of the conceptualization of gender, reinforced with a focus on the methods of studying gender, historical perspectives on gender, biological and social bases of gender, and how gender intersects with other stratification systems within societies. Using a multicultural perspective, special emphasis is placed on how gender is manifested in the family, work as well as other major social institutions.
- SOC 5556 Gerontology (3)**
Multidisciplinary overview of characteristics, strengths, and problems of older persons; diversity in aging process involving gender, race, ethnicity, subculture; services to older adults; gerontology as an academic discipline and a field of practice.
- SOC 5560 Sociology of Health, Medicine and Illness (3)**
The sociological perspective applied to medicine. Topics include changing ideas of disease causation, the role of practitioners and patients, the institutional setting, differential delivery of health services, differential patterns of morbidity and mortality and the politics of health.
- SOC 6615 Trends in Globalization (3)**
Examines the accelerated rise of globalization since the 1970s and its effect on individuals, families, communities, society, and the world. Students will learn about theories of globalization; and the effects of globalization on cultural, economic, and political life. Topics to be addressed include: the shift from a developmental economy to global economy, culture and globalization, migration and family structures, and global identity formations,
- SOC 6618 Criminology (3)**
This seminar will introduce you to the major criminological theories, concepts of deviance and crime as well as some correlates of crime. We will also trace the origins of criminological theories and examine their underlying assumptions and contributions to criminology and recent debates about criminological theory in the literature. Finally, we will evaluate some recent theoretical developments in criminology focusing on the extent to which they move us beyond traditional perspectives. Throughout, we will be especially concerned with the following issues 1) evolution of central concepts in criminology over time; 2) unique contributions of each theory to our understanding of crime; 3) relationships among theoretical concepts; and 4) operationalization of theoretical concepts in empirical research and assessment of research findings relevant to these theoretical concepts.

SOC 6620 Peace, Conflict, and Human Rights (3)

This course will conduct an in-depth investigation of the multiple ways to create the conditions where social justice can flourish from global to local levels. Themes will include nonviolence, conflict resolution, human rights, social inequality, and the role of ethnic and religious affiliations in current wars and conflict at home and abroad. This course will also explore nonviolent struggles at the international level and the nation-state level.

SOC 6622 Sociology of the Family (3)

An in-depth analysis of sociological perspectives on family behaviors and relationships. Readings and discussions will focus on major changes that occurred in the social institution of the family since the middle of last century. The course will investigate sociological theories about the family and use empirical approaches to better understand family life. Discussion will consider theories, explanations, and debates about changing family forms and assess the implications of contemporary family change for research and public policy. Class topics include families through the lens of gender, race and class variations, fertility intentions and childlessness, nonmarital child bearing and teen pregnancy, transition to adulthood, marriage and cohabitation, parenting, divorce, remarriage, step families, multigenerational, and aging families, and same sex couples as parents.

SOC 6625 Specialized Study in Area of Sociology (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

SOC 6626 Specialized Study in Area of Sociology (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

SOC 6627 Specialized Study in Area of Sociology (3)

A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made and the Dean of the Graduate School. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense. Total credit for any combination of enrollments in these courses may not exceed six

semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

SOC 6628 Gender, Crime, and Justice (3)

This course is designed to explore the important and understudied intersection between gender/women and crime. The word intersection is used because the status structures commonly used by criminologist, and sociologist never occur alone. Another way of saying this is that scientists study a number of social demographics or correlates of crime at the same time. Thus, in this class women involvement in crime, whether as victims or as offenders, or as professionals engaged in the criminal justice system, a number of these variables have to be investigated (studied) at the same time. We will explore the nature and extent of women as victims, offenders, and workers in the criminal justice system. We will investigate the relationship between victimization and offending, and study the details of women in the criminal justice as offenders or workers (professional as law enforcement officers, court personnel, correctional workers, etc.) A major focus will be to learn about the major debates and topics within criminology relating to gender and crime. In addition to the above ideas, we will look at women fear of crime, women limited mobility economically, crime policies that impact the lives the women as victims, offenders, and professionals.

SOC 6631 Deviant Behavior (3)

This course focuses upon the social and cultural factors as they apply to deviance. The work of other disciplines in the study of deviation is reviewed and evaluated. Special emphasis is given to the different sociological approaches in the area of deviance; selected types of social deviation are examined and analyzed through these different sociological perspectives. The course is structured as a service course that has a pragmatic and interdisciplinary appeal to people in education, business, counseling, criminal justice and agency work, as well as to those who wish to further their training in sociology.

SOC 6632 Minorities in the U. S. Social Structure (3)

An in-depth theoretical and methodological study of racial and cultural minorities in America society will be undertaken in this course. This course includes directed readings on the intersecting dimensions of inequality that are woven through life in contemporary societies. The goal of the course will be movement away from unidimensional analyses and movement toward thought and scholarship that consider the multiple effects of crosscutting oppressions and privileges.

SOC 6633 Race, Crime, and Justice (3)

Explores the relationship between the criminal justice system and racial minorities in the United States. Seeks to understand some of the economic, political, and sociological reasons why racial minorities, particularly African Americans, are over represented in the criminal justice system. Explores normative issues of justice and equity in broader social inter-

actions that influence and are influenced by crime and the criminal process.

SOC 6635 Sociology of Education (3)

This course is structured to conduct a thorough survey of education in contemporary society. Emphasis will be placed on examining education as a social institution and the school as a social organization. The educational system's role in creating inequality and the contribution of formal education to individuals' physical and mental wellbeing will also be examined. Topics will include the dynamics of race, class, and gender in education, standardized testing, school choice issues, and the current state of higher education.

SOC 6636 Social Inequality (3)

Examines theories, definitions, and measurement of poverty and implications of recent research on the poor; considers social consequences and strategies to combat poverty.

SOC 6640 Death and Dying (3)

An overview of historical aspects of death and dying will be conducted in this course. In addition, the biomedical, economic, social, and psychological issues surrounding death and dying in the 21st century in America will be explored in depth. Both individuals as well as societal attitudes toward death and the dying process will be covered, including; an exploration of the death system, variations of grief, hospice and palliative care, end of life issues and decisions, the bereavement, grief and mourning process and funeral process. A theoretical and applied approach will be utilized in this course.

SOC 6644 The Sociology of Cinema (3)

This course is designed to critically examine sociological issues within American society via the lens of cinema.

SOC 6645 Sociology of Violence (3)

This course offers a graduate-level foundation of theoretical and empirical research in the study of violence. While it primarily focuses on scholarship within the discipline of sociology, it will also examine other disciplines and benefit from interdisciplinary contributions to the understanding of violence & society. During the semester the diverse forms, sites, and spaces of violence and the intricate relations of violence with issues and discourses of race, gender, ethnicity, religions, and state, among others, will be explored and discussed.

SOC 6646 Food and Society (3)

Explores the central role of food in social life, considering similarities and differences in the sociality of food across communities, places, regions, and nation-states. The sociological significance of food is approached from multiple perspectives institutionally as part of economic and political systems; interpersonally, as an important element of identity and socialization; organizationally, as part of the community and family structure; and as an embodiment of class, culture, age, and gender.

SOC 6655 Sociological Social Psychology (3)

This course provides an in-depth exploration of the topic of social psychology. Subtopics to be examined as part of this course include the self, emotion, motivation, group dynamics, and collective behavior, as well as the theoretical paradigms of symbolic interactionism, social exchange, and social constructionism. Emphasis will be placed on the similarities and differences between the sociological and psychological approaches to social psychology.

SOC 6656 Sociology and Religion (3)

This course introduces fundamental concepts used in the sociology of religion and discusses different aspects of religion from a sociological standpoint. It examines the classical/neo-classical perspectives and thinkers that have extensively influenced contemporary scholars in the field. While this course also analyzes examples of different worldwide religions, it primarily focuses on the sociological understanding of religion as a social phenomenon.

SOC 6665 Sociological Theory (3)

Theoretical analysis of social inequality with emphasis on how social class status, power, and culture, shape social relations and determine life chances. Emphasis will also be given to an examination of how social inequality affects attitudes, opinions, and political choices of individuals and groups. Topics that are covered include family, educational opportunities, religious practices, status attainment, and social mobility.

SOC 6680 Selected Topics in Sociology (3)

Sociological examination of a designated topic of special and/or current interest and importance that is generally not covered in regularly offered courses in the department.

SOC 6681 Selected Topics in Sociology (3)

Sociological examination of a designated topic of special and/or current interest and importance that is generally not covered in regularly offered courses in the department.

SOC 6690 - Internship in Sociology (3)

Application of skills and knowledge of Sociology in government agency, public service institution or similar situation under the supervision of a faculty member. **Prerequisite(s):** SS 6690, SS 6691, SS 6698, and approval of the student's academic adviser and/or graduate coordinator.

SOC 6691 Internship 2 in Sociology (3)

Advanced application of skills and knowledge of Sociology in government agency, public service institution or similar situation under the supervision of a faculty member. *Prerequisite(s): successful completion of SS 6690, SS 6691, SS 6698, SOC 6690 and approval of the student's academic adviser and/or graduate coordinator.*

SOCIAL SCIENCE

SS 6610 - Grant Writing in the Social Sciences (3)

In the non-profit world as well as in social science research, grant writing is a valuable skill to acquire. This course will explain how to research potential funding sources not only in the social sciences but also in the social service sector. It will also provide hands-on experience in writing well-crafted proposals.

SS 6630 Quantitative Analysis in the Social Sciences (3)

This course is designed to teach what social scientists do with the data they gather. Particular attention is given to descriptive and inferential statistics, the relationship between research and policy, evaluation research and research ethics. Special emphasis is given to utilization of SPSS.

SS 6680 Internship in Social Science (3)

Application of skills and knowledge of Social Science in government agency, public service institution or similar situation under the supervision of a faculty member. *Prerequisite(s): SS 6690, SS 6691, SS 6698, and approval of the student's academic adviser and/or graduate coordinator.*

SS 6681 Internship 2 in Social Science (3)

Advanced application of skills and knowledge of Social Science in government agency, public service institution or similar situation under the supervision of a faculty member. *Prerequisite(s): successful completion of SS 6690, SS 6691, SS 6698, SS 6680 and approval of the student's academic adviser and/or graduate coordinator.*

SS 6690 Seminar in Social Sciences (3)

This course will focus on current issues in the Social Sciences and prepare the student for transition into a Social Science career or further graduate study at the doctoral level.

SS 6691 Survey of Research Methods in the Social Sciences (3)

This course is designed to provide you with a comprehensive overview of the research methods used in the social sciences. Topics covered will include both qualitative and quantitative research methods, the nature of social scientific research, how to operationalize a research problem, quantitative research techniques, qualitative research techniques, research instrumentation, sampling procedures, data collection, data analysis, the presentation of research results, and the ethical concerns of social scientific research.

SS 6693 Thesis Practicum (3)

During this course, the student, under the supervision of the instructor, will design and implement a plan to collect and analyze data in preparation for the completing of the thesis.

SS 6695 Thesis (3)

During this course, the student, under the supervision of the instructor, will use data collected during SS 6693 - Thesis Practicum to write a thesis as partial

fulfillment of the requirements for the Master's degree.

SS 6696 Introduction to College Teaching (3)

The purpose of this course is to introduce students to college and university level teaching. This class will present the responsibilities of college teaching, introduce learning outcomes, teaching strategies and different forms of learning evaluation. This class is designed for those who are interested in teaching in Social Sciences at the college/university level.

SS 6698 Social Theory (3)

A survey of theoretical approaches used historically and currently in the Social Sciences.

SOCIAL WORK

SWK 6601 Introduction to Social Policy Development and the Effects Community and Organizations (3)

This course is designed to assist students in developing a working understanding of American social policy, and the system, its response to human need and its relation to the organized profession of social work. Emphasis is placed on identifying and examining social, political, economic, legal and cultural concepts that influence policy formation, program development and service delivery. This course also explores the effects of social policy at the community level, including organizations, formulating coalitions, engaging in participatory planning and economic development.

SWK 6604 Human Behavior in The Social Environment I (3)

The overall purpose and primary focus of this course is the exposure to and acquisition of knowledge about the development of human behavior within the social systems of individuals, families, groups, communities, institutions, and organizations. This course will provide through a series of lectures, participatory discussions and in-class activities, a framework with which to gain a professional understanding of human behavior from an ecological systems perspective.

SWK 6605 Human Behavior in the Social Environment II (3)

The overall purpose and primary focus of this course is the exposure to and acquisition of knowledge about the development of human behavior within the social systems of individuals, families, groups, communities, institutions, and organizations as this relates to the adult to elderly aspects of the life span. This course will provide through a series of lectures, participatory discussions and in-class activities, a framework with which to gain a professional understanding of human behavior from an ecological systems perspective.

SWK 6606 Direct Practice Methods with Individuals and Families (3)

This course focuses on direct social work practice with individuals and families based on an ecological multilevel systems framework and a strengths perspective. Knowledge, skills and values essential to the professional relationships (including mutuality, collaboration and respect for the client system) are

developed. Knowledge, skills and values essential to implementation of a variety of social work roles are acquired through examination and analysis of appropriate practice models through experiential classroom activities and critiques of case studies. *A grade of "B" or better is required.*

SWK 6608 Theory and Practice with Groups (3)

This course is an introduction to theory and practice with diverse groups to assist students in developing a contextual understanding of group dynamics over the course of the group process. Viewed through the lens of race, culture, and gender, this course will emphasize group functioning within a strengths-based, resiliency framework.

SWK 6612 Foundation Pre-Practicum and Seminar (3)

This course is designed to prepare the Foundation student to enter into Foundation Practicum. Students will draw upon all previous foundation coursework to successfully apply and secure an approved Foundation Practicum placement. In this course, students will be required to submit the necessary documentation to be approved to take the block (3) of Foundation Practicum and Seminar classes. *Prerequisite(s): SWK 6601, SWK 6604, SWK 6605, SWK 6606, SWK 6614, and SWK 6691*

SWK 6614 Cultural Diversity (3)

The purpose of this course is to provide students with an opportunity to examine and integrate current trends, issues, and dynamics as they relate to professional social work practice with diverse individuals, families, groups, and communities. The effects of race, class, ethnicity, age, disability, and sexual orientation are examined as related to interpersonal, intergroup, intergroup, and intersystem power struggles and differences.

SWK 6620 Social Work Practice with Women (3)

This course is designed to facilitate an understanding and appreciation of diversity among women utilizing multiple practice perspectives (including feminist theories). In addition, it is designed to foster a critical understanding of the dynamics and consequences of social and economic injustices, inclusive of but not limited to discrimination and oppression in formulating our assessment and treatment plans with women and the critically assessment and challenge of policies that negatively impact women.

SWK 6622 Crisis Intervention (3)

Direct Practice techniques for dealing with crisis. Crisis theory, stress management and time-limited intervention will be examined.

SWK 6645 Principles of Non-Profit Organizations (3)

This course provides students with introductory knowledge about nonprofit organizations, including their historical and contemporary roles in human services, and their unique structure and governance, as well as their social, political and economic impacts in society.

SWK 6680 Foundation Pre-Practicum Seminar (3)

This seminar prepares students for successful social work practicum placements by integrating fundamental knowledge, values, skills, and cognitive and

ffective processes. Students demonstrate knowledge of the theoretical and empirically based knowledge from all curriculum components and the ability to apply this knowledge of basic social work practice within a generalist setting. Emphasis is placed on linking classroom instruction to practical application, culminating in identifying and securing an appropriate internship aligned with individual career goals. The course is taken prior to their foundation practicum placement. *Prerequisite(s): SWK 6601, SWK 6604, SWK 6605, and SWK 6606 - Must be completed prior to taking this course.*

SWK 6681 Foundation Practicum I (3)

This course provides a structured learning experience linked to a generalist social work practicum placement within a social service agency. Students engage in supervised generalist practice, applying foundational assessment, intervention, and evaluation skills across diverse populations and settings. Through the joint supervision of a faculty and an agency supervisor, students reflect on their practicum experiences, integrate classroom knowledge, and develop professional competencies. This is the first of two required practicum courses and includes the completion of 200 in-person practicum hours. *A grade of "B" or better is required. Prerequisite(s): SWK 6601, SWK 6604, SWK 6605, SWK 6606, and SWK 6680 - Must be completed prior to taking this course.*

SWK 6682 Foundation Practicum II (3)

This course is designed to deepen professional practice through a generalist-year practicum placement. Under the joint supervision of a faculty and an agency supervisor, seminar discussions underscore critical reflection, integration of theoretical frameworks, and the application of evidence-based approaches to complex client systems. This is the second of two required practicum courses and includes the completion of 200 in-person practicum hours. *A grade of "B" or better is required. Prerequisite(s): SWK 6601, SWK 6604, SWK 6605, SWK 6606, SWK 6680, and SWK 6681 - Must be completed prior to taking this course.*

SWK 6691 Foundation Research Methods (3)

Basic principles of developing, testing, refining, and using scientific knowledge for direct social work practice are presented. Consideration is given to the development of theory, formulation of testable problem statements, the design of appropriate strategies for obtaining and analyzing relevant information, drawing conclusions and applications for use in professional practice, and communication of findings to others. *A grade of "B" or better is required.*

SWK 6696 Foundation Practicum and Seminar I (2)

The Foundation Field Practicum and Seminar engages the student in an approved social service agency. In addition to providing an orientation to the practicum experience, this course directs the student's study of the practicum client population and agency, promotes the student's self-assessment and learning goals for professional social work development. This course is the first 134 contact hours at an

agency; a second course (SWK 6697, 134 contact hours); and a third course (SWK 6698, 134 contact hours) will complete a total of 400 contact hours at the same agency. *Prerequisite(s)*: SWK 6612 *Foundation Pre-Practicum and Seminar*

SWK 6697 Foundation Practicum and Seminar II (2)

The Foundation Field Practicum and Seminar engages the student in an approved social service agency. In addition to providing an orientation to the practicum experience, this course directs the student's study of the practicum client population and agency, promotes the student's self-assessment and learning goals for professional social work development. This course is the second 134 contact hours at the same agency. There will be a third course (SWK 6698, 134 contact hours) completing the Foundation Practicum requirements of 400 contact hours. *Prerequisite(s)*: SWK 6612 *Foundation Pre-Practicum and Seminar*

SWK 6698 Foundation Practicum and Seminar III (3)

The Foundation Field Practicum and Seminar engages the student in an approved social service agency. In addition to providing an orientation to the practicum experience, this course directs the student's study of the practicum client population and agency, promotes the student's self-assessment and learning goals for professional social work development. This course is the third and final 134 contact hours at the same agency, completing the Foundation Practicum requirements of 400 contact hours. *Prerequisite(s)*: SWK 6612 *Foundation Pre-Practicum and Seminar*

SWK 7701 Models of Intervention with Individuals (3)

Within the course, students will learn how to identify and select theoretical models to guide direct practice with individuals at an advanced level. Students will understand the use of evidence-based interventions and how to integrate theory into practice. Clinical interviews, biopsychosocial assessments, and mental status exams are a few skills that will be covered within this course in conjunction with learning how to apply various theories in practice using a multicultural lens which will allow students to successfully engage, evaluation, assess, and intervene with individuals in a direct practice setting. *A grade of "B" or better is required.*

SWK 7702 Models of Intervention with Families and Diverse Groups (3)

This course will build upon the knowledge acquired in SWK 7701 by learning skills related to engaging, evaluating, assessing, and intervening with couples, families, and special populations. Students will learn how to interview and assess couples, families, and special populations in diverse settings. They will also learn to identify SMART goals and objectives as well as various strategies, theories, and strengths utilized for intervening with couples, families, and special populations. *A grade of "B" or better is required.*

SWK 7703 Direct Practice Evaluation (3)

This advanced course aims to enhance professionalism, ethical reasoning, and cultural sensitivity. It builds upon generalist social work practice to

develop students' skills in assessment and evaluation. Participants will be introduced to key theoretical models of practice from a strengths-based perspective. They will conduct culturally sensitive interviews, establish goals, assess safety and legality, and document interventions. Furthermore, the course allows students to evaluate the effectiveness of evidence-based interventions using data-driven insights to refine and adjust their practice methods. *A grade of "B" or better is required.*

SWK 7705 Assessment and Psychopathology (3)

This advanced course equips students with the knowledge and skills necessary to conduct comprehensive assessments and accurately diagnose mental health disorders using the Diagnostic and Statistical Manual of Mental Disorders (DSM). Grounded in a strengths-based, person-in-environment framework, the course emphasizes ethical, culturally competent, and evidence-informed practices. Students will explore the etiology, symptoms, and diagnostic criteria of major mental health disorders. The curriculum integrates analysis of case studies, diagnostic decision-making, and psychopharmacology.

SWK 7707 Advanced Social Work Practice with Groups (3)

This advanced clinical practice course teaches group practice skills development for use as a primary treatment modality in clinical social work practice. Theoretical and practice principles of group work are emphasized to enhance understanding and use of "group" as a complex system of roles and interrelationships in a highly experimental format.

SWK 7720 Special Topics (Social Work with Abusing and Neglecting Families) (3)

This course is a critical examination of current knowledge about the causality and interventions to prevent or remedy child abuse and neglect (more recently referred to as child maltreatment). Attention is given to ethical and cultural issues in defining and intervening with abusive and neglectful families. Legal aspects and implications for social policy and social work practice for prevention and remediation with families are emphasized. The course provides specialized content for graduate students interested in social work practice with families and children. It builds upon foundation content in social policy, social work theory and practice, and research provided during the first year of the graduate study in social work.

SWK 7722 Social Work in Health Care Settings (3)

This course enables students to explore and evaluate the issues involved in offering effective psychosocial interventions in a health care setting, understand managed care, compete within this environment, and influence the quality of health care. Emphasis on a holistic approach to health care will examine the biological, behavioral, cognitive, emotional, and spiritual components of the client within the health care system. The importance of these components as they interact with the individual's gender, ethnicity, and sexual orientation will also be explored. The complex but necessary interaction of the individual's experiences with family, social, political, and legal systems will also be examined. Finally, and with equal

importance, the student's attitudes and feelings regarding the practice of social work in health care will be explored.

SWK 7724 Topics in Grant Writing and Program Development (3)

This course serves as an introduction to the process of grant writing in human service organizations as an orientation to the broader funding landscape. Students will develop skills related to effective grant writing including assessing and conveying need, developing programmatic responses to need, the creation and use of logic models, and project/program evaluation.

SWK 7726 Social Work with Military Families (3)

The course is designed as an elective for graduate students in the School of Social Work who wish to increase knowledge and skills for practice with military personnel, Veterans, and their families. Students will learn about the role of social work within the military and the Department of Veterans Affairs in meeting the needs of active duty service members, National Guard and Reserve members, Veterans and their families. Students will develop a working understanding of the history of military social work, aspects of the military culture that they will need to know in order to be able to develop a strong therapeutic alliance, social and mental health needs and issues facing this ethnically and culturally diverse population, military social work policies and services, and needed advocacy efforts in that regard, evidence-based and other mental health interventions with emerging empirical support for this population, and other ethnic and cultural diversity issues in military social work.

SWK 7736 Organizational Leadership and Management (3)

This course is designed to equip students for supervisory and managerial roles within human service organizations. Topics covered include organizational theory, administrative roles and responsibilities, personnel management, resource development and stewardship, and organizational capacity building.

SWK 7740 Social Work Practice with Children and Adolescents (3)

The overall purpose and primary focus of this course is to address Social Work practice methods when working with children and adolescents as well as identify the diverse issues and concerns impacting them. Unique aspects of working with children and adolescent that will also be discussed in this course include impacts at home and at school, ethical and legal consideration as well as best practice methods when working with parents, guardians and educators.

SWK 7742 Social Work in School Settings (3)

This course presents advanced knowledge and skills essential to providing effective school social work interventions. Students will learn to identify, select and apply evidence-based prevention and intervention methods for use with individuals, groups, families, school personnel, and communities to enhance student learning, development, and school success. Students will acquire the skills needed to effectively

practice as a school social worker to enhance student learnings and achievement.

SWK 7769 Advanced Direct Practice Senior Seminar (3)

This course is conceptualized as a mechanism for students to draw upon all previous courses in the MSW Program and integrate and apply all that they have learned. The course is taken concurrently with the final block field placement. Students demonstrate mastery of the theoretical and empirically-based knowledge from all components of the curriculum, and the ability to apply this knowledge in advanced social work practice with children, youth, and families. *Prerequisite(s):* SWK 7701, SWK 7703, and SWK 7705

SWK 7780 Direct Practice Pre-Practicum Seminar (3)

This seminar prepares students for successful social work practicum placements by integrating fundamental knowledge, values, skills, and cognitive and affective processes. Students demonstrate mastery of the theoretical and empirically based knowledge from all curriculum components and the ability to apply this knowledge in advanced social work practice within a direct practice setting. Emphasis is placed on linking classroom instruction to practical application, culminating in identifying and securing an appropriate internship aligned with individual career goals. The course is taken prior to the final block practicum placement. *Prerequisite(s):* SWK 7701, SWK 7702, SWK 7703, and SWK 7705 - *Must be completed prior to taking this course.* SWK 7701, SWK 7702, and SWK 7703 require a grade of "B" or higher.

SWK 7781 Direct Practice Practicum I (3)

This course provides a structured learning experience linked to a generalist social work practicum placement within a social service agency. Students engage in supervised direct practice, applying foundational assessment, intervention, and evaluation skills across diverse populations and settings. Through the joint supervision of a faculty and an agency supervisor, students reflect on their practicum experiences, integrate classroom knowledge, and develop professional competencies. This is the first of two required practicum courses and includes the completion of 255 in-person practicum hours. *A grade of "B" or better is required. Prerequisite(s):* SWK 7701, SWK 7702, SWK 7703, SWK 7705, and SWK 7780 - *Must be completed prior to taking this course.* SWK 7701, SWK 7702 and SWK 7703 require a grade of "B" or higher.

SWK 7782 Direct Practice Practicum II (3)

This course is designed to deepen professional practice through a specialization-year practicum placement. Under the joint supervision of a faculty and an agency supervisor, seminar discussions underscore critical reflection, integration of advanced theoretical frameworks, and the application of evidence-based approaches to complex client systems. This is the second of two required practicum courses and includes the completion of 255 in-person practicum hours. *A grade of "B" or better is required. Prerequisite(s):* SWK 7701, SWK 7702, SWK 7703, SWK 7705, SWK 7780, and SWK 7781 - *Must be com-*

pleted prior to taking this course. SWK 7701, SWK 7702 and SWK 7703 require a grade of "B" or higher.

SWK 7796 Specialization Practicum I (3)

Placement in a social service agency which provides the opportunity to practice and develop professional social work skills under the joint supervision of a field liaison and field instructor. Includes a weekly seminar plus a minimum of 170 contact hours in a specialization agency setting. This is the first of three required practicum courses *Prerequisite(s): Completion of all Foundation Courses and SWK 7769 Advanced Direct Practice Senior Seminar*

SWK 7797 Specialization Practicum II (3)

Placement in a social service agency which provides the opportunity to practice and develop professional social work skills under the joint supervision of a field liaison and field instructor. Includes a weekly seminar plus a minimum of 170 contact hours in a specialization agency setting. This is the second of three required practicum courses *Prerequisite(s): Completion of all Foundation Courses and SWK 7769 Advanced Direct Practice Senior Seminar*

SWK 7798 Specialization Practicum III (3)

Placement in a social service agency which provides the opportunity to practice and develop professional social work skills under the joint supervision of a field liaison and field instructor. Includes a weekly seminar plus a minimum of 170 contact hours in a specialization agency setting. This is the third of three required practicum courses. *Prerequisite(s): Completion of all Foundation Courses and SWK 7769 Advanced Direct Practice Senior Seminar*

SPORT MANAGEMENT

SM 6600 Foundations of Sport Management (3)

This course is designed to introduce graduate students to the field of sport management. Various topics and concepts related to sport management and related fields will be discussed. *Students should enroll in SM 6600 within their first two terms of graduate school.*

SM 6604 Statistical Analysis and Interpretation (3)

This course requires students to utilize statistical fundamentals, analyses, and interpretation of statistics. Statistical information includes, but is not limited to, sampling, hypothesis testing, regression, frequency distributions, t-tests, parametric and nonparametric statistical techniques, multivariate data analysis (MANOVA), and others using SPSS and other statistical software.

SM 6605 Global Perspectives in Sport (3)

This course examines sport as a global phenomenon and will investigate historical, cultural, economic, and governance perspectives from around the globe.

SM 6610 Sport and the Law (3)

The course is designed to provide students with an in-depth awareness and understanding of legal responsibilities of sport managers, coaches, and

administrators. Emphasis will be placed upon critically analyzing the legal theories, structures, statutes, case law, and standards that apply to the sport industry and that impact sport organizations. Substantive legal areas include tort, constitutional, antitrust, intellectual property, agency, contract, and business law.

SM 6614 Risk Management in Sport (3)

Sport organizations are required to ensure safety and, as a result, they may be held liable for injuries. The specific understanding of safety principles and risk management decisions that assist sport managers to provide reasonably safe environments. This class will examine various theories of risk management as managerial functions in modern sport organizations as applied, but not limited to negligence, premises liability, product liability, financial considerations, and harassment.

SM 6615 Organizational Behavior & Leadership in Sport (3)

In this course students will study the basic concepts, theories and organization of administration including financial management as applied to sport, physical education, and recreation.

SM 6616 Sport Finance (3)

This course is designed to provide students with information concerning advanced theory in finance, accounting, and managerial control of budgets.

SM 6617 Research Methods I (3)

This course explores principles, methods, and strategies for planning, designing, evaluating, and applying research in sport and/or related fields. *A grade of "B" or better is required.*

SM 6618 Sport Economics (3)

This course assists students in understanding past and contemporary trends in economics and sport economics research. In addition, major economic concepts and frameworks related to and outside of sport are researched and discussed.

SM 6624 Sociological Aspects of Sport (3)

This course focuses on the advanced recognition, discussion, and systematic review and analyses of sociological and ethical issues in sport. Topics discussed will include but are not limited to the development of sport and the sports industry; the political and cultural significance of sport; the part played by sport in international relationships; the relationship between sport, gender, class and ethnicity; a range of sports-related issues such as health, drugs, and violence, and the management of sports activities both in educational establishments and in the wider society.

SM 6625 Specialized Study in Sport Management (1-3)

Study of problem or problems using research technique. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any*

combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.

- SM 6626 Specialized Study in Sport Management (1-3)**
Study of problem or problems using research technique. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*
- SM 6627 Specialized Study in Sport Management (1-3)**
Study of problem or problems using research technique. Selection of problem must be approved by student's adviser, instructor under whom the study is to be made, and the appropriate Director of Graduate Studies. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. *Total credit for any combination of enrollments in these courses may not exceed six semester hours. A specialized study may be substituted for a required course only once in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section.*
- SM 6630 Applied Sport Analytics (3)**
Throughout this course students will develop skills in working with descriptive and inferential statistics as well as modeling techniques and data visualization through the use of the R programming language to explore issues and challenges present in sport business settings. Students will discuss and analyze topics in sport through the use of cutting-edge data analytics approaches.
- SM 6632 Critical Issues in Sport Management (3)**
This course focuses on the recognition, discussion, and systematic analysis of controversial issues and problems encountered in the conduct of professional activities in sport.
- SM 6633 Sport Consumer Behavior (3)**
This course examines the sport consumer as a decision maker by reviewing their social, cultural, and psychological influences on purchasing decision-making processes. Also, this course allows for students to gain an in depth review of such influences emphasizing their implications for marketing strategies.
- SM 6639 Sport Communication (3)**
Students in this course will explore and apply communication theories to the sport industry. Emphasis will be on the examination of public and media

relations with a special focus on organizational communication to external and internal publics.

- SM 6640 Sport Marketing (3)**
The purpose of this course is to teach the sports manager how to create a marketing plan. The emphasis is on following a ten-step procedure designed primarily for the nonprofit sector and learning the theoretical base required to complete the process accurately and proficiently.
- SM 6641 Sport Facility and Event Management (3)**
This course is designed to provide the student with information concerning the planning, design, organization, and administration of sport and recreational facilities, with an added emphasis on event management.
- SM 6644 Human Resource Management in Sport (3)**
This course focuses on management of human resources within sport and physical activity organizations. The course will explore the organizational processes of job design, staffing, leadership, performance appraisal, and reward systems. Desired outcomes of job satisfaction are examined along with organizational commitment.
- SM 6645 Revenue Generation in Sports (3)**
This course will explore the contemporary trends in revenue generation of professional and amateur sport teams and programs. The course will analyze and produce skills essential to the revenue production and sales process commonly found in business and sport business.
- SM 6672 Sport Psychology (3)**
The course is designed for the student with a vocational interest in athletic coaching within the educational environment. Psychological theories will be applied to the teaching of sports skills and the development of individuals into efficient team units.
- SM 6673 Ethics in Sport (3)**
The course examines ethical matters and issues relating to sport and physical activity.
- SM 6674 Entrepreneurship in Sport (3)**
The course provides students with an awareness and understanding of basic concepts and problems in starting a business.
- SM 6675 NCAA Governance, Compliance and Institutional Control (3)**
This course is designed to give graduate students an understanding of the history, purposes, fundamental policies, and administrative organization of the NCAA. The student will gain sufficient working knowledge of the Operating Bylaws of the NCAA Manual and learn to apply NCAA rules and regulations to compliance related scenarios. In addition the student will learn the basic principles of institutional control of an intercollegiate athletics program and the basic components and applications of an institutional compliance program.

SM 6680 Practicum in Sport Management (1-9)

A supervised application of the concepts, principles and skills acquired by the students in previous course work. Problems in the area of financial management personnel supervision, fitness management, sport management, and curriculum development will be identified. Students will explore and identify alternative solutions to problems through group interactions. Permission of the instructor is required.

SM 6681 Practicum in Sport Management (1-9)

A supervised application of the concepts, principles and skills acquired by the students in previous course work. Problems in the area of financial management personnel supervision, fitness management, sport management, and curriculum development will be identified. Students will explore and identify alternative solutions to problems through group interactions. Permission of the instructor is required.

SM 6682 Practicum in Sport Management (1-9)

A supervised application of the concepts, principles and skills acquired by the students in previous course work. Problems in the area of financial management personnel supervision, fitness management, sport management, and curriculum development will be identified. Students will explore and identify alternative solutions to problems through group interactions. Permission of the instructor is required.

SM 6690 Internship (3)

A 400-hour supervised experience in planning, staging and evaluating a formal practicum in related field. *Prerequisite(s):* Permission of instructor.

SM 6691 Research Methods II (3)

This course examines the variety of research methods and reporting methods used in sport & fitness management research. *Prerequisite(s):* SM 6617

SM 6694 Thesis I (3)

Independent research related to sport and fitness management topic under the supervision of the student's advisory committee. A thesis proposal must be approved by the student's advisory committee. *Grading system is Pass/Fail.*

SM 6695 Thesis II (3)

Independent research leading to the preparation of a scholarly paper related to sport and fitness management topic under the supervision of the student's advisory committee. The student's advisory committee will administer an oral examination covering the research and findings. *Grading system is Pass/Fail.*

SM 8801 Statistical Analysis and Interpretation (3)

This course examines the fundamentals, analyses, and interpretation of statistics. Statistical information to include sampling, hypothesis testing, regression, frequency distributions, t-tests, parametric/nonparametric statistical techniques, multivariate data analysis (MANOVA), and others using SPSS and other statistical software.

SM 8803 Quantitative Research in Sport Management (3)

The purpose of this course is to introduce the student to broad and practically oriented quantitative

research design methods within sport management as a social science. This course is designed to equip doctoral students with the skills and knowledge that involve the collection and analysis of numerical data to answer research questions or test hypotheses. Students will be able to learn how to collect data through structured surveys, experiments, observations, or the analysis of existing datasets to conduct advanced quantitative research in sport management.

SM 8805 Qualitative Research in Sport Management (3)

The purpose of this course is to provide students with the advanced knowledge and skills necessary to design, conduct, and analyze qualitative research studies. Qualitative research methods are precious for exploring complex social phenomena, understanding human experiences, and generating rich, contextually embedded data. This course equips students with the tools to engage in rigorous and ethical qualitative research across various disciplines and research contexts.

SM 8807 Seminar in Research Dissemination (3)

This course is designed to prepare individuals for the research demands of higher education and the sport industry. Emphasis will be given to both scholarly and practical publication and presentation processes including but not limited to researching appropriate publication and presentation outlets, adhering to publication/presentation requirements, submitting projects according to the respective guidelines, and preparing for oral and poster presentations.

SM 8810 Seminar in Applied Statistics in Sport Management (3)

This course provides an introduction to the statistical techniques commonly employed in sport management research. Course topics will include statistical techniques that measure the relationship among variables, determine significance of group differences, predict group membership, and analyze scale structure.

SM 8812 Seminar in Sport Marketing (3)

This course will include discussions of current topics and issues impacting sport marketing and its application within the sport management field. Emphasis is on discussion and critical analysis in sport marketing theory, research, education, and current issues relative to social, cultural, political, and ethical issues in sport marketing.

SM 8814 Seminar in Sport Finance (3)

This course is designed to provide students with an advanced appreciation and understanding of financial theories related to sport management. Emphasis is on review, research, discussion and application of financial cases.

SM 8816 Seminar in Organizational Behavior and Leadership (3)

This course covers a wide spectrum of organizational behavior and leadership topics and focuses intently on the theoretical evolution and underpinnings of the material and how research could be potentially directed in the future. This course exposes the student to various leadership theories, management prin-

ciples, and variables, including analysis of the methods and materials commonly utilized by organizational researchers.

- SM 8820 Seminar in Legal Aspects of Sport (3)**
This course is designed to provide students with an advanced appreciation and understanding of legal responsibilities of sport managers. Emphasis will be on researching and reviewing legal cases and understanding and applying legal theories to select cases.
- SM 8822 Seminar in Sport Management Pedagogy (3)**
This course examines common practice and issues in higher education and sport management pedagogy. Emphasis will be placed on understanding the varying types of institutions, traditional roles and responsibilities within the respective institutions, ethical issues in higher education, research and practice for effective college teaching, the classroom environment, effective instructional formats (online and traditional), and teaching strategies.
- SM 8825 Specialized Study in the Area of Sport Management (3-6)**
This course is designed to provide the student with an opportunity to explore an area of interest related to his/her selected specialty under the direct supervision of a faculty member.
- SM 8826 Specialized Study in the Area of Sport Management (3-6)**
This course is designed to provide the student with an opportunity to explore an area of interest related to his/her selected specialty under the direct supervision of a faculty member.
- SM 8830 Special Topics (3)**
This course is designed to explore sport management related topics in depth to allow the graduate student to become an "expert" in that topic. Significant preparation, recognition of the topic, research, discussion, and collaboration with peers and colleagues will be required in order to adequately prepare for the submission of a scholarly research paper.
- SM 8835 Seminar in Advanced Statistics in Sport Management (3)**
This course provides an introduction to the advanced statistical techniques recently employed in sport management research. Course topics will include Exploratory Factor Analysis, Confirmatory Factor Analysis, and Structure Equation Modeling that systematically evaluate conceptual/theoretical models.
- SM 8860 Dissertation (1-9)**
In consultation with the dissertation chair and committee, the student will design and conduct research to complete the aims identified in his/her research proposal, or as modified subsequently, in line with recommendations from the committee. Dissertation credit hours are offered in 3 hour increments. A student may not exceed 9 semester hours within a semester or six semester hours within a term. *Prerequisite(s): Instructor Approval*

SPECIAL EDUCATION

- SPE 5544 Internship Seminar (3)**
This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. This course must be taken concurrently with internship. *Corequisite(s): SPE 6654 or SPE 6655*
- SPE 6609 Content Enhancement (3)**
This methods course emphasizes inclusive teaching practices that combine an interactive instructional sequence with a teaching device for teachers of secondary level students (6-12) with mild disabilities. This course focuses on content enhancement routines that help teachers carefully organize and deliver content area information.
- SPE 6610 Research Trends and Issues in Special Education (3)**
This course is designed to provide advanced students with an in-depth study of significant research in special education. Specifically, this course focuses on (a) methodological issues that relate to descriptive research, intervention, research, case study, qualitative and longitudinal research, (b) issues in assessment and instrumentation and (c) ethical issues related to research in special education. The course is premised on the trend of recent changes in the discipline from a service orientation to one that is becoming more scientific. A grade of "B" or better is required.
- SPE 6614 Adaptive Teaching Strategies for Students with Mild Disabilities K-6 (3)**
This course focuses on evidence-based practices and teaching strategies for students with mild disabilities, including social and emotional needs. Specifically this course reviews strategies for adapting curriculum materials, teacher instruction, and student learning activities for fundamental academic skills and content area instruction. *Prerequisite(s): SPE 3340 or SPE 6640 (or equivalent).*
- SPE 6615 Adaptive Teaching Strategies for Students with Moderate/Severe Disabilities K-6 (3)**
This course is built on a comprehensive review of research, theoretical issues, diagnosis, and educational planning for those students with moderate/severe disabilities, including more severe social and emotional disorders. Curriculum adjustment and differentiated instruction practices will be emphasized. *Prerequisite(s): SPE 3340 or SPE 6640 (or equivalent).*
- SPE 6616 Teaching Students with Emotional and Social Needs (3)**
This course will emphasize the behavioral, psychological, and social needs of the learner who demonstrates emotional and behavioral disabilities that significantly impact their progress in the general education curriculum and in building and maintaining appropriate social relations with peers and adults.

Appropriate intervention strategies used to increase appropriate social behavior and decrease inappropriate social behavior will be studied. *Prerequisite(s)*: SPE 3340 or SPE 6640 (or equivalent).

SPE 6617 Adaptive Teaching Strategies for Students with Mild Disabilities -Grades 6-12 (3)

This course focuses on instructional approaches that emphasize teaching students effectively, regardless of disability or special need. Specifically this course provides strategies for adapting curriculum materials, teacher instruction, and student practice activities for both basic-skills and content area instruction. *Prerequisite(s)*: SPE 3340 or SPE 6640 (or equivalent).

SPE 6618 Adaptive Teaching Strategies for Students with Moderate/Severe Disabilities-Grades 6-12 (3)

A comprehensive study of research, theoretical issues (s), diagnosis, and educational planning for those students with moderate/severe disabilities. Curriculum adjustment and the development of differential instruction will be emphasized. *Prerequisite(s)*: SPE 3340 or SPE 6640 (or equivalent).

SPE 6620 Service Delivery Models for Multiple Disabilities (3)

The purpose of this course is to explore the many issues surrounding the education of secondary students with multiple disabilities. Special emphasis is placed on assessment, instructional models, transition programming, and databased instructional decision making. *Prerequisite(s)*: SPE 6640 or equivalent.

SPE 6630 Collaboration Skills (3)

This course is designed to provide advanced students with an in-depth study of current literature and research on collaboration and consultation as a service delivery model to meet the challenge of educating students with disabilities in the regular classroom. Specifically, this course focuses on collaborative-related issues for teachers who work with students with disabilities. The course is premised on the federal mandate that requires educators to employ the interactive framework established by PL 94142 (now IDEA) to assure that all students are educated in the least restrictive environment. *Prerequisite(s)*: PE 3340 or SPE 6640.

SPE 6631 Legal Issues in Special Education (3)

This course provides the special educator with relevant background on the legal issues impacting students with disabilities. Advocacy issues and collaborative roles of administrators, parents, teachers, and significant others in implementing federal legislation will be addressed. The text will be supplemented by more recent case law and policy developments in special education.

SPE 6632 Assessment and Individual Programming (3)

A comprehensive study of the assessment process used in the field of Special Education will be examined to include both standardized assessment measures and curriculum based measures. Emphasis will be on the selection, administration, and analysis of standardized assessment instruments along with the development, administration, and analysis of

curriculum based instruments in determining eligibility for placement and instructional planning. *Prerequisite(s)*: Undergraduate special education assessment

SPE 6635 Meeting Instructional Needs Through Technology (3)

This is an advanced survey course in the classroom-adaptable and assistive technologies that are associated with the personal computer and other technologies that assist the learner with disabilities in accessing the teaching and learning environments. This course includes information on the assessment of assistive technology needs as a means of considering assistive technology and matching adaptations with individual needs in various settings. The student will explore ways to make instruction more meaningful for learning. Study will also focus on familiarity with keyboarding, disk operating systems, and tool software. Proficiency with word processing, database and spreadsheet use in an integrated program is developed. *Prerequisite(s)*: an undergraduate course in the integration of technology into the curriculum.

SPE 6638 Reading Interventions for Students with Special Needs (3)

This course is designed to familiarize students with evidence-based/research-based reading intervention strategies for students with disabilities or students demonstrating significant deficits in reading skills. Students will build their knowledge base by completing an APA style literature review on validated reading intervention strategies, and identify interventions that address phonemic awareness, phonics, fluency, comprehension, and vocabulary, and that use direct instruction, guided practice, and error detection, and corrective feedback. Students will select and implement one evidence-based reading intervention strategy, progress monitor to determine its effectiveness and formally summarize and evaluate the results of the intervention.

SPE 6640 Teaching Students with Special Needs (3)

The purpose of this course is oriented toward identifying exceptional students and providing appropriate learning experiences in the classroom setting. This course is a survey of the nature and needs of exceptional children and an introduction to their educational programs.

SPE 6654 Collaborative Internship Grades 6-12 (6)

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Corequisite(s)*: SPE 5544

SPE 6655 Collaborative Internship Grades K-6 (6)

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional

Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision maker throughout the internship experience. *Corequisite(s): SPE 5544*

SPE 6694 Collaborative Teacher K-6 Practicum (3)

The practicum is designed to provide a supervised experience related to instruction in the area of specialization (K-6). The application of skills, concepts, and principles acquired in previous coursework as well as current research will be emphasized.

SPE 6695 Collaborative Teacher 6-12 Practicum (3)

This course is designed to provide a supervised experience related to instruction in the area of specialization 6-12. The application of skills, concepts, and principles acquired in previous coursework, as well as in current research, will be emphasized.

SPE 6697 Field Based Research Project (3)

The purpose of this course is to provide graduate students with an opportunity to design, implement, and write about quantitative or qualitative research related to their own teaching. This course will be taken at the end of the graduate program of study. The course serves as the capstone course for the MS Collaborative/Special Education program. The course must be taken as one of the candidates final two courses after EDU 6691. A grade of "B" or better is required. Advisor approval required before adding course. *Prerequisite(s): EDU 6691, and complete 30 program credits.*

SPE 6698 Collaborative Teacher 6-12 Initial Practicum (3)

This course is for those candidates who do not currently hold an undergraduate teaching certificate for Collaborative Teacher, 6-12. This is a supervised experience in the 6-12 classroom with both the inclusion of disabled students into the general education classroom and with disabled students in a resource or self-contained setting. The prospective Collaborative Teacher will spend 100 clock hours in designing instructional and teaching methods that will allow the student with a disability to access the general education curriculum as outlined by the Alabama Course of Study. The prospective Collaborative Teacher will work collaboratively with the general education teacher, special education teacher, IEP committee, and other professionals to design and deliver an appropriate education for students with disabilities. *Prerequisite(s): Completion of all core and teaching field areas for persons who do not currently hold an undergraduate teaching certificate in Collaborative Teacher, 6-12.*

SPE 6699 Collaborative Teacher K-6 Initial Practicum (3)

The practicum is for those candidates that do not currently hold an undergraduate teaching certificate for Collaborative Teacher, K-6. This is a supervised experience in the inclusive K-6 classroom and for students with disabilities in a resource and/or self-contained setting. The prospective Collaborative Teacher will spend 100 clock hours in designing

instructional programs that emphasize the adaptation and/or modification of the curriculum content and teaching methods that will allow the student with a disability to access the general education curriculum as outlined by the Alabama Course of Study. The prospective Collaborative Teacher will work collaboratively with the general education teacher, special education teacher, IEP committee, and other professionals to design and deliver an appropriate education for students with disabilities.

STATISTICS

STAT 5540 Biostatistical Analysis (3)

This course provides an overview of statistical methodology useful in the process of modern biostatistics. Biostatistical Methods combine the theory and application of commonly used distributional and distribution-free, or parametric and nonparametric, test statistics, density and function estimation methods. SAS/R is used for data analysis. *Prerequisite(s): STAT 4451 or STAT 5551*

STAT 5551 Mathematical Statistics I (3)

A study of probability theory, sample spaces, random variables, mutual exclusion, independence, conditional probability, permutations and combinations, common discrete and continuous distributions, expected value, mean, variance, multivariate distributions, covariance, Central Limit Theorem. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): MTH 1125 and STAT 2210, or permission of the instructor.*

STAT 5552 Mathematical Statistics II (3)

A study of the fundamentals of the theory of statistics, the Central Limit Theorem, point estimation, sufficiency, consistency, hypothesis testing, sampling distributions, confidence intervals, linear regression models, interpretation of experimental results, Bayesian Estimation. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): STAT 4451 or STAT 5551.*

STAT 5553 Time Series (3)

The concept of a time series refers to a sequence of values recorded over a period of time. The use of such data is widespread in nearly all areas of science and the humanities, such as econometrics and finance, engineering, medicine, genetics, sociology, and environmental science. It is the existence of dependence between observations in a series as well as the fact that usually only one observation is made at any given point in time that makes time series data so special. Consequently, standard statistical methods are not appropriate, and special statistical analysis methods must be used. The purpose of this course is to introduce current methods and software for time series analysis. *Prerequisite(s): STAT 4459 or STAT 5559.*

STAT 5556 Mathematics of Finance (3)

The fundamental concepts of financial mathematics and how these concepts are applied in calculating present and accumulated values for various streams of cash flows as a basis for future use in the following; reserving, valuation, pricing, asset/liability management, investment income, capital budgeting, and valuing contingent flows. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): STAT 4451 or STAT 5551.*

STAT 5559 Regression Analysis (3)

Topics include simple linear regression, inferences in regression analysis, techniques of multiple regression and model building, ANOVA as regression analysis, analysis of covariance, model selection and diagnostic checking techniques, nonlinear regression, and logistic regression. Computations are an integral part of the course and will involve the use of SAS and R statistical software. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): STAT 4451 or STAT 5551.*

STAT 5562 Advanced Statistical Methods (3)

This course is a continuation of Statistical Methods and Computations. Topics include inference for categorical variables, multiple regression, logistic regression, one-way ANOVA, two-way ANOVA, ANCOVA, and nonparametric methods. Data analysis is carried out using the SAS program. Statistical packages such as SAS and R will be used. *Prerequisite(s): STAT 3350, STAT 4451 or STAT 5551.*

STAT 5564 Multivariate Analysis (3)

Possible topics to be covered include multivariate descriptive statistics, multivariate normal distribution, analysis of covariance, MANOVA, multivariate regression, principal components, discriminate analysis, cluster analysis, factor analysis. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. Some familiarity with R and SAS is expected. *Prerequisite(s): STAT 4451 or STAT 5551, and STAT 3350*

STAT 5565 Categorical Data Analysis (3)

In recent years, the use of specialized statistical methods for categorical data has increased dramatically, particularly for applications in the biomedical and social sciences. The course gives an introduction to analyzing categorical data. Principal topics include contingency tables, generalized Linear Models, loglinear models, logistic regression, and models for matched pairs. Two statistical software packages SAS and R will be used appropriately throughout the course. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics

discussed in the course. *Prerequisite(s): STAT 4451 or STAT 5551.*

STAT 5566 Data Mining (3)

Data mining is a fast growing interdisciplinary field between Statistics and Computer Science due to the emergence of massive data sets. This course covers an information extraction activity whose goal is to discover hidden facts from large data warehouses. A number of data mining task including description, classification, selection, estimation, prediction, and affinity grouping and clustering will be discussed. Also students will learn how to use data mining software to perform data mining functionalities. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): STAT 4459.*

STAT 5567 Experimental Design (3)

Fundamental principles of designing and analyzing experiments with application are considered. The concepts of experimental unit, randomization, blocking, replication, error reduction and structure are introduced. The design and analysis of completely randomized, randomized complete block, incomplete block, Latin square, split-plot, repeated measures, factorial and fractional designs will be covered. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course. *Prerequisite(s): STAT 4451 or STAT 5551.*

STAT 6620 Selected Topics in Probability and Statistics (3)

The content of this course vary with the topics, and could include Bayesian Model Analysis, Advanced Probability and Inference, Time Series, and Forecasting Methods, Statistics for Quality and Productivity, Applied Nonparametric Methods, or others. *Prerequisite(s): STAT 4451 or STAT 5551 and STAT 4459*

STAT 6621 Research and Thesis (1-6)

Under the guidance of the student's advisor and the chair of the department, the student may pursue original research or project in a particular area of statistics. The completion of a thesis is required. The results and conclusions must be successfully defended before the student's graduate committee. Grading is Pass/Fail. *Prerequisite(s): 3.0 GPA and permission of the Chair of the Mathematics and Statistics department.*

TEACHER LEADER

**Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Teacher Leader program.*

TL 7700 Adult Learning Theories and Managing Change (3)

This course will focus on the examination of how adults learn in instructional settings and managing change. The adult learners' characteristics will be examined. Adult learning theory and current trends and advancements in adult learning and managing

change will be examined. The focus will be on preparing the student to make better instructional decisions and use of resources in the education and training of adults.

- TL 7702 Diverse Populations and Involving Parents/Community Stakeholders in the School Setting (3)**
The focus of this course is on the successful school for all students and exploring the critical issues of diversity. Issues relating to diversity and the implications for parental and community involvement will be analyzed. Candidates will explore the construct of diversity as it relates to race, gender, military status, culture, sexual orientation, and second language learners. Through coursework, readings, group work, and field experiences students will be challenged to examine best instructional and leadership practices to develop sensitive and proactive responses to all members of the school community.
- TL 7717 Mentoring (3)**
The purpose of this course is to prepare educational leaders to serve as role models and mentors for individuals. The educational leaders will develop methods, techniques and organize mentorship programs. Leaders will develop a knowledge base upon which to make informed reflective decisions about mentorship programs in diverse educational settings.
- TL 7737 Curriculum (3)**
This course examines the tenets of curriculum. This course peruses the current research that supports student learning and engagement. In order for instructional leaders to promote effective learning environments, they must be able to understand, identify and apply effective learning theories and methodologies.
- TL 7740 Creating Effective Learning Environments (3)**
Instructional leaders must work within the framework of the Individuals with Disabilities Education Act (IDEA) in order to effectively create, develop and maintain a highly efficient learning environment. This course will present best practices and the most up to date research related to the creation of effective learning environments within the public schools. The focus of the course will be both theoretical and practical in nature. As a result of the course, instructional leaders will be able to establish, develop, and maintain and evaluate instruction in order to build an effective learning environment.
- TL 7747 Instructional Coaching (3)**
This course focuses on (a) common forms of instructional coaching including literacy coaching, cognitive coaching, and content coaching and (b) the components/stages of instructional coaching.
- TL 7757 Staff Development (3)**
Candidates consider and evaluate methods for promoting professional growth focusing on the improvement of teaching and learning. Various approaches to staff development and in-service education are examined in terms of their purposes and components.

- TL 7767 Communication and Consultation Methods Practicum (3)**
This course explores communication models and consultation methods as well as the implementation of those models to improve educational practices in the teacher leader. The course provides an opportunity for the teacher leader candidate to perform a variety of activities that a teacher leader must perform, under the supervision of a practicing teacher/instructional leader. Focus is placed on strategies that will result in enhanced communication among all stakeholders, and increased student achievement.
- TL 7792 Advanced Comprehensive Research Strategies (3)**
This course is intended to explore the concepts of quantitative and qualitative research methods application for research in education. Participants apply their skills in research design by completing a proposal for a substantive study related to the improvement of instructional services. A grade of "B" or better is required.
- TL 7794 Research in Action (3)**
The purpose of this course is to provide instructional leaders with a study of the processes involved in identifying, framing, evaluating, analyzing, and seeking information about problems faced by schools. The goal for the student is to propose a research and implement a study that examines a problem currently impacting the K-12 environment. *Prerequisite(s): TL 7792*

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Vice Chancellor, Phenix City Campus. Dionne Rosser-Mims, Ph.D.
Associate Provost, Academic Affairs.....
.....Mary Anne Templeton, Ph.D.
Associate Provost, Administration.....Natalie Bryant, J.D.
Dean, College of Science and Engineering.....Govind Menon, Ph.D.
Dean, Sorrell College of Business. Judson C. Edwards, Ph.D.
Dean, College of Arts and Humanities.....Michael Thrasher, D.M.A.
Dean, College of Education and Behavioral Sciences.....
.....Fred Figliano, Ph.D.

Dean, College of Health Sciences. LaGary Carter, D.A., D.N.P.
Dean, University Libraries. Chris Shaffer, Ed.D.
Executive Director, JWS Center for Student Success.....
.....Lauren Cole, M.B.A.
Interim Executive Director, Institute for Civic & Global Leadership
.....John Schmidt, Ed.D.
Assistant Director, Graduate School.....Tammy Allen, M.S.
Director, University Honors Global Scholars Program.....
.....Priya Menon, Ph.D.

II. Financial Affairs and Online Education

Vice Chancellor.....Tara Donaldson, M.B.A., CPA
Associate Vice Chancellor and Controller.....
.....Conni Moseley, M.Acct., CPA
Associate Controller.....Gordana Heffner, M.B.A.
Assistant Controller.....Shelley Jordan, M.B.A.
Associate Vice Chancellor, Human Resources.....
.....Ashley English, M.S., CPCU, CIC
Associate Vice Chancellor, Online Education.....
.....Jody A. Cebina M.A.
Vice Chancellor for Information Technology and CSO/CTO.....
.....Greg Price, Ph.D.
Director, Student Financial Services.....Amanda Raiti, M.S.H.R.M.
Director, Foundation Accounting.....Jennifer Stone, M.B.A.
Director, Dining Services.....Derek Augustine, B.S.
Director, Physical Plant.....Robert Burke, B.B.A.
Director, Procurement and Asset Management.....
.....April Johnson, M.B.A.
Director, Accounts Payable.....Angela Lindsey, M.S.
Associate Vice Chancellor, Financial Affairs/University Registrar.
.....Kim Shaver, M.S.
Associate University Registrar.....Chris Waid, M.S.
Associate University Registrar, Director of Academic Evaluation
Center.....Donna Bragg, B.B.A.
Campus Registrar, Dothan.....Melissa Lambert, M.S.
Campus Registrar, Montgomery.....Beth Potts, B.S.
Campus Registrar, Phenix City.....Maggie Uphaus Bonds, M.S.

III. Government and External Relations

Associate Vice Chancellor, Development and Alumni Engagement..
.....Debbie Vaughn, M.S.
Director, Alumni Affairs.....Faith West Byrd, M.S.
Director, Annual Giving & Special Projects.....Sydney Owens, B.S.
Director, Sponsored Programs.....Vacant.
Director, Advancement Services.....Holly Adams, M.S.
Director, Development.....Lauren Chandler, M.S.
Director, Development.....Vacant
Director, Development.....Vacant
Director, Development.....Vacant

IV. Student Affairs

Associate Vice Chancellor for Enrollment Management.....
.....Blake Bedsole, Ed.D.
Associate Vice Chancellor, Financial Aid.....Alicia Bookout, M.A.
Associate Vice Chancellor, Marketing and Communication.....
.....Leslie Scrushy, B.S.
Director, Financial Aid/Veteran Affairs.....Teresa Hussey, B.S.
Senior Director of Enrollment Services for Military and
Out-of-State Operations.....Staci Hutto, M.P.A.

Dean, International Student Services.....Maria Frigge, M.S.
 Dean, Student Services (Troy). Herbert E. Reeves, M.S.
 Associate Dean, Student Services..... Shane Tatum, Ph.D.
 Associate Dean, Student Life..... Vacant
 Associate Dean, Student Services (Dothan)
Sandy Henry, M.S.HRM
 Associate Dean, Student Services (Montgomery)
 Jim Smith, M.S.
 Chief Marketing Officer.....Samantha Johnson, B.A.
 Senior Director of Communications. Matt Clower, B.S.
 Director of Communications. Andy Ellis, B.S.
 Director, Web Communication. Vacant
 Director, Advertising. Rob Drinkard, B.S.
 Executive Director, AGSC/STARS. Keith Sessions, Ed.D.
 Director, Student Involvement and Leadership
Korrie Lynn Williamson, Ph.D.
 Director, Military & Veteran Affairs..... Scot Brumbeloe, B.S.
 Chief of University Police. George Beaudry, B.S.

*Complete faculty information is available from the Office of the
 Senior Vice Chancellor for Academic Affairs.*

GRADUATE FACULTY

Aisami, Riad S., 2003. Professor, Global Campus. B.A., Baghdad University, 1980., M.Ed., Tuskegee University, 1983., Ph.D., Wayne State University, 1988.

Akbas, Halil, 2018. Associate Professor, Troy. B.S., National Policy Academy (Ankara, Turkey), 1996., M.A., University of Louisville, 2005., Ph.D., University of Cincinnati, 2009.

Ammons, Willard, 2020. Lecturer, Troy. B.A., The University of Alabama, 1999., M.A., The University of Alabama, 2003., M.A., The University of Alabama, 2004., Ph.D., Auburn University, 2019.

Arrington, David L., 2005. Assistant Professor, Dothan. B.S., University of Southern Mississippi, 1997., Ph.D., University of Alabama, 2008.

Arteta, Alberto, 2015. Associate Professor, Troy. Bachelor's in Mathematics, National University of Madrid, 1998., Master's in Artificial Intelligence, Polytechnic University of Madrid, 2012., Ph.D., Polytechnic University of Madrid, 2011.

Atwater, Christopher, 2019. Assistant Professor, Troy. B.A., Skidmore University, 1996., M.S., Virginia Commonwealth University, 2006., Ph.D., Virginia Commonwealth University, 2010.

Ayadi, Jihene, 2022. Assistant Professor, Global Campus. M.S., Valdosta State University, 2012., Ph.D., University of Arkansas, 2019.

Baek, Chung, 2006. Professor, Dothan. B.S., Yonsei University, 1997., M.S., University of Nebraska-Lincoln, 2001., Ph.D., University of Nebraska-Lincoln, 2006.

Bailey, Melissa, 2018. Assistant Professor, Troy. B.S., University of West Alabama, 2006., M.P.A., Auburn University Montgomery, 2008., Ph.D., Auburn University, 2017.

Baxter, Christopher, 2024. Lecturer, Global Campus. B.B.A., Augusta University, 2005., M.Ed., Augusta University, 2015., Ph.D., North Carolina State University, 2022.

Beaver, Rodney W., 1994. Professor, Dothan. B.S., North Carolina State University, 1978., Ph.D., North Carolina State University, 1982.

Beck, Kenneth, 2017. Lecturer, Troy. B.M.E., Troy University, 2012., M.S.Ed., Troy University, 2015.

Belbase, Shashidhar, 2023. Associate Professor, Dothan. B.Ed., Tribhuvan University, 1996., B.S., Tribhuvan University, 1999., M.Phil., Tribhuvan University, 1998., M.S., University of Wyoming, 2011., Ph.D., University of Wyoming, 2015.

Belyi, Sergey V., 1996. Professor, Troy. B.S., Donetsk State University, 1990., M.S., Donetsk State University, 1992., Ph.D., University of South Florida, 1996.

Bennett, Delaine, 2019. Assistant Professor, Phenix City. B.S., Troy State University, 1993., M.S., Troy State University, 1997., Ed.D., Columbus State University, 2018.

Benton, Brian, 2012. Lecturer, Global Campus. B.A., Auburn University, 1995., B.M.E., Auburn University, 1997., J.D., Samford University, 1999.

Berlingo Lauren, 2023. Assistant Professor, Troy. B.A.E., Florida Atlantic University, 2014., M.Ed., Florida Atlantic University, 2018., Ph.D., Florida Atlantic University, 2023.

Berwager, Kelly, 2013. Lecturer, Troy. B.A., Birmingham-Southern College, 1986., M.A.E., University of Alabama at Birmingham, 1995., Ph.D., The University of Alabama, 2013.

Blackstock, Timothy A., 2008. Professor, Troy. B.A., Newberry College, 2002., M.A., Tennessee Technological University, 2005., D.M.A., University of Kansas, 2008.

Blum, Elizabeth Dian, 2000. Professor, Troy. B.A., University of Texas at Austin, 1991., M.A., University of Houston, 1997., Ph.D., University of Houston, 2000.

Bonds, Patrick, 2010. Lecturer Troy. B.A., Baylor University, 1994., M.A., University of New Orleans, 2000., M.Phil., University of Dublin, 2000., Ph.D., Louisiana State University and A&M College, 2011.

Booker, Samantha, 2018. Assistant Professor, Dothan. B.S., Jacksonville State University, 2007., M.Ed., University of Montevallo, 2009., Ed.S., Jacksonville State University, 2012., Ph.D., Auburn University, 2018.

Boyas, Javier, 2022. Professor, Troy. B.A., Western Illinois University, 1997., M.S.W., University of Michigan, 2000., Ph.D., Boston College, 2007.

Boyd, Christopher, 2014. Assistant Professor, Troy. B.S., Auburn University, 1994., M.S., Clemson University, 1997., Ph.D., Auburn University, 2006.

Boyd, Kristina, 2016. Lecturer, Troy. B.S., Logan University, 2004., D.C., Logan College of Chiropractic, 2006.

Brennan, Michael, 2015. Associate Professor, Troy. B.M., Illinois State University, 1990., M.P.A., University of Louisville, 2004., Ph.D., University of Louisville, 2012.

Bryant, Natalie, 2013. Associate Professor, Troy. B.S., Troy University, 2007., J.D., Florida State University College of Law, 2011.

Buckner, Timothy R., 2005. Associate Professor, Troy. B.A., Georgia State University, 1996., M.A., Florida State University, 1998., Ph.D., University of Texas at Austin, 2005.

Burns, Djuana, 2006. Associate Professor, Troy. B.S.N., Auburn University at Montgomery, 1986., M.S.N., Troy State University, 1993., D.N.P., The University of Alabama at Birmingham, 2011.

Bynum, Robin Strain, 2003. Executive Director of Educational Outreach, Professor, Troy. B.S., Tuskegee Institute, 1978., M.Ed., Tuskegee University, 1982., Ed.D., Argosy University, 1999.

Byrd, William J., 2010. Associate Professor, Phenix City. B.S., Francis Marion University, 2006., M.S., Auburn University, 2008., Ph.D., Auburn University, 2010.

Campbell, Joel R., 2010. Professor, Global Campus. B.A., The University of Texas at El Paso, 1977., M.P.A., The University of Texas at Austin, 1979., Ph.D., Miami University, 1994.

Camwell, Dave, 2017. Associate Professor, Troy. B.M., University of Calgary, 1999., M.M., University of Northern Colorado, 2002., D.M.A., University of Oregon, 2006.

Camwell, Jillian, 2019. Assistant Professor, Troy. B.M., University of Calgary, 2000., M.M., University of Northern Colorado, 2002., D.M.A., University of Oregon, 2007.

Carlson, Robert David, 2009. Lecturer, Troy. B.F.A., Valdosta State University, 1987., M.A., Valdosta State University, 1999., Ph.D., Emory University, 2009.

Carlson, Robert F., 2005. Assistant Professor, Phenix City. B.A., Georgia Southwestern College, 1971., M.A., Georgia Southern University, 1973., M.S., Columbus State University, 1998., Ph.D., Emory University, 1992.

Carmody, Stephen, 2017. Associate Professor, Troy. B.S., College of Charleston, 2006., M.A., University of Tennessee, Knoxville, 2009., Ph.D., University of Tennessee, Knoxville, 2014.

Carroll, Michael, 2011. Professor, Global Campus. B.A., The University of North Carolina at Chapel Hill, 2001., M.E.S.S., University of Florida, 2004., Ph.D., University of Florida, 2009.

Carter, Bryon LaGary, 2023. Dean, College of Health Sciences; Professor, Troy. B.S., David Lipscomb University, 1988., B.S.N., Valdosta State University, 2006., M.S., The University of Southern Mississippi, 1990., M.S.N., Valdosta State University, 2013., D.N.P., The University of Alabama, 2023., D.A., Middle Tennessee State University, 1993.

Carter, Holly, 2014. Associate Professor, Troy. B.S., Auburn University, 1993., B.S.N., Troy State University, 2004., M.S.N., Troy University, 2009., Ph.D., The University of Southern Mississippi, 2019.

Carter, Ronda, 2023. Lecturer, Troy. B.S., Duke University, 1995., M.D., The University of Alabama School of Medicine, 2000.

Cason, Emily, 2023. Lecturer, Troy. B.A., Auburn University, 2007., M.S.W., Florida State University, 2010.

Chadwick, Lane Boyte, 2005. Associate Professor, Dothan. B.S., University of Tennessee at Martin, 1996., M.B.A., University of Tennessee at Martin, 1997., M.S., Auburn University, 2001., Ph.D., Auburn University, 2003.

Chang, Hyung Jae, 2014. Associate Professor, Troy. B.S., Oklahoma State University, 2005., M.S., University of Florida, 2008., M.S., The University of Texas at Dallas, 2009., Ph.D., The University of Texas at Dallas, 2012.

Chekwa, Charles, 2002. Professor, Global Campus. B.S., Mississippi State University, 1978., M.B.A., Jackson State University, 1979., D.B.A., Nova Southeastern University, 1983.

Chretien, Janice, 2024. Associate Professor, Troy. B.S., DeVry University, 2009., M.B.A., The University of Texas at Tyler, 2015., M.R.E., Columbia College, 2016., Ph.D., The University of Texas at Tyler, 2020.

Clark, Rebecca, 2022. Lecturer, Phenix City. B.S., Western Kentucky University, 2004., M.S.W., Western Kentucky University, 2008., Ph.D., University of Louisville, 2020.

Cleveland, Kelli Kervin, 2006. Associate Professor, Troy. B.S.N., Troy State University, 1996., M.S.N., Troy University, 2006., D.N.P., Troy University, 2011.

Coco, Charles, 2017. Assistant Professor, Troy. B.S.B.A., Auburn University at Montgomery, 1995., M.B.A., Auburn University at Montgomery, 1998., D.B.A., Anderson University, 2009.

Colaco, Bridgette P., 2007. Assistant Professor, Troy. B.A., St. Xavier's College-Calcutta, India, 1995., M.A., University of Calcutta, India, 1998., Ph.D., Southern Illinois University, 2007.

Conner, Tonya, 2011. Associate Professor, Dothan. B.S.E., Troy State University, 2001., M.S.E., Troy State University, 2005., Ed.S., The University of West Florida, 2009., Ed.D., The University of West Florida, 2011.

Copeland, Carlton, 2022. Lecturer, Troy. B.M.E., Troy State University, 2015., M.M.E., Florida State University, 2021.

Coppus, Troy, 2021. Assistant Professor, Troy. B.S., Ohio Northern University, 2004., M.S., High Point University, 2006., Ph.D., University of North Carolina Greensboro, 2020.

Corr, Christopher, 2021. Assistant Professor, Troy. B.S., University of Florida, 2015., M.S., University of Florida, 2016., Ph.D., University of South Carolina, 2021.

Cox, Amy, 2017. Assistant Professor, Troy. B.S., Troy State University, 1997., M.S.W., Troy University, 2016., Ph.D., Troy University, 2020.

Craig, Kern William, 2004. Associate Professor, Global Campus. B.S., California State University, 1987., M.B.A., Fairleigh Dickinson University, 1989., Ph.D., University of Mississippi, 1995.

Crawford, Sherrionda, 2014. Associate Professor, Phenix City. B.A., Auburn University, 1998., M.Ed., Auburn University, 2002., Ph.D., Auburn University, 2013.

Crook, Benjamin, 2023. Assistant Professor, Troy. B.M., Ball State University, 2015., M.M., Bowling Green State University, 2017., D.M., Florida State University, 2022.

Crowley, George R., 2011. Senior Associate Dean for Administration, Sorrell College of Business; Professor, Troy. B.B.A., Mercer University, 2007., Ph.D., West Virginia University, 2011.

Curnutt, Kirk L., 1993. Professor, Troy. B.A., University of Missouri-Columbia, 1987., M.A., University of Missouri-Columbia, 1989., Ph.D., Louisiana State University, 1993.

Dadd, Shannon, 2018. Assistant Professor, Troy. B.S., Auburn University, 2013., M.E., Auburn University, 2014., Ph.D., Auburn University, 2019.

Daniel, Gary, 2014. Professor of Practice, Troy. B.S., Troy University, 2010., M.S., University of Central Florida, 2012., D.B.A., Northcentral University, 2017.

Dautartas, Angela, 2020. Assistant Professor, Troy. B.S., Radford University, 2005., M.A., University of Tennessee, Knoxville, 2009., Ph.D., University of Tennessee Knoxville, 2018.

Davis, Gregory Douglas, 2008. Professor, Troy. B.A., Eckerd College, 1992., M.T.S., John Paul II Institute for Studies on Marriage and Family, 1996., M.A., The University of Arizona, 2005., Ph.D., The University of Arizona, 2008.

Davis, Kirk L., 1998. Associate Professor, Dothan. B.A., Mississippi State University, 1990., M.S., Mississippi State University, 1992., M.A., The University of Mississippi, 1996., Ph.D., The University of Mississippi, 1997.

Davis, Rodney P., 2002. Associate Professor, Troy. B.A., Southern Illinois University Edwardsville, 1985., Dr.Rel.Ed., Emmanuel Baptist University, 1996., Ed.D., George Fox University, 2003.

Delinsky, Linda, 2021. Assistant Professor, Troy. B.S., The University of North Georgia, 2006., M.S., Lamar University, 2009., D.H.S., Nova Southeastern University, 2020.

Dennis, Elizabeth, 2022. Assistant Professor, Troy. B.A., Auburn University, 2014., M.Ed., Auburn University, 2019.

Diamond, Alvin Roosevelt, 1988. Professor, Troy. A.A., Jefferson Davis Community College, 1982., B.S., Troy State University, 1984., M.S., Auburn University, 1987., Ph.D., Auburn University, 2006.

Diggs, Amanda M., 2001. Associate Professor, Troy. B.S., Troy State University, 1992., M.A., Auburn University, 1994., Ph.D., Auburn University, 2000.

Dinh, Thuy Trang, 2022. Lecturer, Troy. B.S., Vietnam National University, University of Sciences, 2017., M.A., University of Alabama, 2019.

Dinh, Trung Hoa, 2018. Associate Professor, Troy. B.S., Kazan Federal University, 2007., Ph.D., Kazan Federal University, 2010.

Dixon, Anthony W., 2010. Professor, Troy. B.A., The University of North Carolina at Wilmington, 1999., M.B.A., East Carolina University, 2002., Ph.D., Clemson University, 2009.

Dixon, Harriet, 2021. Assistant Professor, Troy. B.S., East Carolina University, 1999., M.S., East Carolina University, 2001., Ph.D., Clemson University, 2008.

Dodd-Walker, Eva, 2006. Associate Professor, Troy. B.B.A., University of Texas at Austin, 1984., M.B.A., University of Texas at Arlington, 1991., Ph.D., University of Texas at Arlington, 2006.

Donnelly, Michael, 2016. Lecturer, Dothan. B.S., University of Maryland College Park, 2004., B.A., University of Maryland College Park, 2004., M.Phil., Yale University, 2007., Ph.D., Yale University, 2011.

Doss, Kanessa, 2013. Associate Professor, Montgomery. B.S., Alabama Agricultural & Mechanical University, 2003., M.Ed., Auburn University, 2004., M.Ed., Auburn University, 2009., Ph.D., Auburn University, 2011.

Dove, John, 2013. Professor, Troy. B.A., Hillsdale College, 2005., M.A., Central Michigan University, 2008., Ph.D., West Virginia University, 2012.

Earnest, Samantha, W., 2010. Lecturer, Troy. B.S., Troy State University, 2001., Ph.D., Florida State University, 2009.

Edwards, Judson Carter, 2006. Dean, Sorrell College of Business; Associate Professor, Troy. B.S., Troy State University, 1996., M.S., University of Southern Mississippi, 1998., Ph.D., University of Southern Mississippi, 2002.

Esteves, Tammy Lynn, 2002. Assistant Professor, Global Campus. B.A., University of Virginia, 1986., M.P.A., James Madison University, 1993., Ph.D., Virginia Polytechnic Institute and State University, 1998.

Etheridge, Lisa, 2016. Associate Professor, Montgomery. B.A., Auburn University at Montgomery, 1994., M.Ed., Auburn University at Montgomery, 1998., Ed.S., Auburn University, 2013., Ph.D., Auburn University, 2016.

Everhardt, Sharon, 2014. Associate Dean of Academics & Administration, College of Arts & Sciences; Associate Professor, Troy. B.A., The University of Toledo, 2002., M.A., The University of Toledo, 2004., Ph.D., Wayne State University, 2009.

Farrell, Shirley, 2017. Associate Professor, Montgomery. B.S., Southeast Missouri State University, 1982., M.S., Samford University, 1993., Ph.D., The University of Alabama, 2016.

Faulkner, Rebecca, 2022. Lecturer, Troy. B.S., Troy State University, 1978., M.S., Troy State University, 1985.

Feng, Rui, F., 2010. Distinguished Professor, Troy. B.A., Harbin Teachers University, 1982., M.A., Harbin Teachers University, 1988., M.Ed., University of Alberta, 1993., Ph.D., University of Alberta, 2014.

Figliano, Fred, 2014. Associate Dean, College of Education; Associate Professor, Troy. B.S., The College of New Jersey, 2006., M.A., Virginia Tech, 2007., Ph.D., Virginia Tech, 2011.

Fitch, Tregon, 2010. Professor, Global Campus. B.S., Troy State University, 1992., M.Ed., Auburn University, 1995., Ed.D., Texas A&M University, 1998.

Forehand, Wade, 2012. Professor, Troy. B.S.N., Troy State University, 2005., M.S.N., Troy University, 2008., D.N.P., The University of Alabama, 2013., Ph.D., The University of Alabama, 2018.

Foxx, William Kenneth, 2009. Associate Professor, Troy. B.S., Auburn University, 1986., Master of Aquaculture, Auburn University, 1992., M.B.A., Auburn University, 1992., Ph.D., University of Alabama, 2006.

Fulmer, Hal W., 2002. Associate Provost and Dean of Undergraduate and First Year Studies; Professor, Troy. A.A., Darton College, 1979., B.S., Georgia Southern College, 1981., M.A., University of Georgia, 1982., Ph.D., Louisiana State University, 1985.

Gardner, Carrie Spurlock, 2007. Associate Professor, Troy. B.S.N., Auburn University, 1997., M.S.N., University of Alabama at Birmingham, 2000., D.N.P., The University of Alabama at Birmingham, 2011., Ph.D., The University of Alabama at Birmingham, 2017.

Gayman, Catherine, 2015. Associate Professor, Montgomery. B.A., Shippensburg University, 2008., M.A., Western Michigan University, 2012., Ph.D., Western Michigan University, 2015.

Gibson, Pamela A., 2009. Associate Professor, Global Campus. B.A., University of Virginia, 1982., M.P.A., Virginia Commonwealth University, 1985., Ph.D., Virginia Commonwealth University, 2000.

Gibson, Robert, 2011. Lecturer, Troy. B.M., the University of Texas at San Antonio, 2000., M.M., The University of Texas at Austin, 2002., D.M.A., The University of Texas at Austin, 2007.

Glover, Gypsy, 2022. Assistant Professor, Troy. A.A.S., George Wallace Community College, 2008., A.D.N., George Wallace Community College, 2008., B.S.N., Jacksonville State University, 2009., M.S.N., The University of Alabama at Birmingham, 2011., D.N.P., Chatham University, 2022.

Gnoinska, Margaret, 2010. Associate Professor, Troy. B.A., Middlebury College, 1994., M.A., The George Washington University, 2002., Ph.D., The George Washington University, 2010.

Goodson, Danielle, 2023. Lecturer, Troy. B.A., Auburn University Montgomery, 2014., M.S.W., Troy University, 2016.

Green, Frederick Eugene, 2004. Associate Professor, Troy. B.S., University of Kentucky, 1988., M.Ed., Frostburg State University, 1989., Ph.D., Florida State University, 1995.

Green, Michael, 2008. Professor, Troy. B.S., Troy State University, 2000., M.S., Troy State University, 2002., Ph.D., Georgia State University, 2008.

Griffin, Brandon, 2023. Assistant Professor, Troy. B.S., Utah Valley University, 2019., M.B.A., Utah Valley University, 2020., Ph.D., Southern Illinois University, 2024.

Guillaumet, Alban, 2018. Assistant Professor, Troy. B.S., University of Bretagne Occidentale, 1999., M.S., University of Montpellier II, 2001., Ph.D., University of Montpellier II, 2005.

Gunn, Duane, 2018. Lecturer, Troy. B.S., Florida State University, 1989., M.S., Lesley University, 1994., Ph.D., Capella University, 2014.

Hall, Tabitha, 2014. Associate Professor, Global Campus. B.S.E., Henderson State University, 2002., M.S., Henderson State University, 2004., Ph.D., University of Central Florida, 2010.

Hammonds, Joel Frank, 2002. Professor, Troy. B.A., Auburn University, 1992., M.S., Auburn University, 1999., Ph.D., Auburn University, 2002.

Hayes, David R., 1995. Assistant Professor, Global Campus. B.A., Drew University, 1986., M.A., University of Rochester, 1994., Ph.D., University of Rochester, 1998.

Haymore, John, 2023. Assistant Professor, Troy. B.S., East Carolina University, 2003., M.B.A., Northwood University, 2012., Ph.D., The University of Texas at Tyler, 2022.

Hazelton, Nicholas, 2018. Associate Professor, Troy. Bachelor of Surveying, University of Melbourne, 1983., Ph.D., University of Melbourne, 1992.

He, Ping, 2008. Associate Professor, Troy. B.S., Sichuan Institute of Light Industry & Chemical Technology, 1991., M.S., University of Massachusetts - Amherst, 2004., Ph.D., Virginia Tech, 2008.

Helms, Brian, 2017. Associate Professor, Troy. B.S., North Carolina State University, 1995., M.S., Appalachian State University, 2000., Ph.D., Auburn University, 2008.

Henshaw, Alexis, 2018. Associate Professor, Troy. B.A., SUNY Geneseo, 2001., M.A., University of North Carolina at Chapel Hill, 2002., Ph.D., University of Arizona, 2013.

Heppe, Dale, 2022. Lecturer, Global Campus. B.S., Florida State University, 2004., M.S., Troy University, 2007., Ph.D., Walden University, 2019.

Hines, Audra, 2021. Lecturer, Troy. B.S., Troy University, 2006., M.S.W., The University of Alabama, 2008.

Holladay, Patrick, 2013. Professor, Global Campus. B.S., Clemson University, 1998., M.S., Eastern Kentucky University, 2004., Ph.D., Clemson University, 2011.

Hoose, Adam, 2014. Lecturer, Dothan. B.A., Roberts Wesleyan College, 2004., M.A., Saint Louis University, 2006., Ph.D., Saint Louis University, 2011.

Hoover, David J., 2009. Associate Professor, Montgomery. B.A., Covenant College, 1968., M.Div., Westminster Theological Seminary, 1974., Ph.D., Virginia Tech, 1987.

Hoppin, Shari, 2007. Associate Professor, Troy. B.A., University of Ottawa, 1994., M.A., University of Southern California, 1996., Ph.D., University of Southern California, 2002.

Howard, Stephanie, 2023. Assistant Professor, Troy. B.A., Louisiana University and A&M College, 1990, M.Ed., Alabama State University, 1995., Ph.D., Auburn University, 2001.

Howard-Smith, Candice, 2003. Professor, Troy. B.S., Troy State University, 1996., M.S., Troy State University, 1998., Ph.D., Auburn University, 2003.

Hua, Jing, 2015. Associate Professor, Troy. B.A., Harbin Institute of Technology, 2005., M.Fin., Northwest A & F University, 2009., Ph.D., Auburn University, 2016.

Huan, Xialoi, 2006. Associate Professor, Global Campus. B.S., Fudan University, 1998., M.S., University of Southern Mississippi, 2002., Ph.D., University of Southern Mississippi, 2006.

Huff, Michael, 2011. Professor, Troy. B.M.E., The University of Massachusetts, 1996., M.M., The Eastman School of Music, 2000., D.M.A., The Catholic University of America, 2007.

Huffman, Starrah, 2023. Assistant Professor, Montgomery. B.S., Troy State University, 1998., M.Ed., Alabama State University, 2002., M.Ed., Alabama State University, 2004., M.Ed., Auburn University Montgomery, 2015., Ed.S., Alabama State University, 2006., Ph.D., Auburn University, 2015.

Hunter, Debra Yvonne, 2002. Associate Professor, Global Campus. B.B.A., University of Georgia, 1995., M.B.A., Troy State University, 1996., D.B.A., Argosy University, 2004.

Jefferson, Lenetra, 2019. Assistant Professor, Phenix City. B.S.N., University of South Alabama, 1995., M.S.N., University of South Alabama, 1997., Ph.D., Southern University and A&M College - Baton Rouge, 2009.

Johnson, Joseph W., 2014. Associate Professor, Troy. B.S., Appalachian State University, 1994., M.S., University of Nebraska-Omaha, 2007., Ph.D., University of Nebraska-Lincoln, 2011.

Johnson, Kelly, 2012. Professor, Troy. B.S.N., Troy State University, 1997., M.S.N., Troy University, 2011., D.N.P., Troy University, 2014.

Johnson, Teresa, 2004. Professor, Troy. B.S., University of Montevallo, 1984., M.A., Auburn University, 1987., Doctor of Clinical Nutrition, University of Medicine & Dentistry of New Jersey, 2010.

Johnson, Theresa M., 2004. Assistant Professor, Troy. B.A., Troy State University, 1976., M.Ed., Troy State University, 2004., Ph.D., Northcentral University, 2015.

Jones, Allen, 1998. Professor, Troy. B.S., Francis Marion University, 1987., M.A., University of South Carolina, 1992., Ph.D., University of South Carolina, 1998.

Jones, Jacqueline, 2015. Associate Professor, Troy. B.S., Alabama State University, 2007., M.S., Troy University, 2013., Ph.D., Tuskegee University, 2012.

Jones, Stacey Jayroe, 2007. Professor, Troy. B.S.N., Troy State University, 1995., M.S.N., Troy State University, 2001., D.N.P., The University of Alabama at Birmingham, 2011.

Jung, Byungkwan, 2020. Assistant Professor, Troy. B.B.A., Kyung Hee University, 2011., M.S., South Dakota State University, 2014., Ph.D., Texas Tech University, 2019.

Kane, Eva, 2018. Assistant Professor, Troy. B.S., Auburn University, 2006., M.E., Auburn University, 2008., Ph.D., Auburn University, 2015.

Kim, Haksoo, 2009. Associate Professor, Montgomery. B.A., Korea University, 2002., M.B.A., Korea University, 2004., M.A., University at Buffalo, 2004., Ph.D., Louisiana State University, 2009.

Kim, MinKil, 2010. Associate Professor, Global Campus. B.B.A., Yong-In University, 2000., B.S., University of Alabama, 2003., M.S., University of Florida, 2006., Ph.D., University of Florida, 2010.

Kofman, Alexander, 2018. Assistant Professor, Troy. B.S., Military Medical Academy, 1988., Ph.D., St. Petersburg State University, 2003.

Kolasa, Thomas Stanley, 2007. Assistant Professor, Troy. B.A., The University of Michigan, 1990., Ph.D., Washington University in St. Louis, 1999.

Koo, Win (Gi-Yong), 2013. Professor, Troy. B.S., Yonsei University, 1996., M.S., Yonsei University, 1999., Ph.D., University of Arkansas, 2012.

Krishnamoorthy, Anand, 1999. Professor, Global Campus. B.S., Purdue University, 1992., M.S., Purdue University, 1995., Ph.D., Florida Atlantic University, 1999.

Kumar, Suman, 2011. Associate Professor, Troy. B.Tech., Banaras Hindu University, 2004., Ph.D., Louisiana State University, 2010.

Landers, Stephen C., 1993. Professor, Eminent Scholar, Troy. B.S., Iowa State University, 1983., M.S., North Carolina State University, 1985., Ph.D., North Carolina State University, 1990.

Larson, Benjamin, 2016. Associate Professor, Troy. B.S., Iowa State University, 1998., M.B.A., Iowa State University, 2003.

Ledet, Richard, 2013. Associate Professor, Troy. Bachelor of General Studies, Louisiana State University and A & M College, 2000., M.A., San Diego State University, 2003., M.A., University of Notre Dame, 2008., Ph.D., University of Notre Dame, 2011.

Lee, Joohan, 2021. Assistant Professor, Troy. B.B.A., Sungkyunkwan University, 2003., M.S., Texas A&M University, 2010., M.A., Chungnam National University, 2016., Ph.D., University of Texas at Arlington, 2020.

Lemoine, Pamela, 2018. Assistant Professor, Phenix City. B.A., Nicholls State University, 1967., M.Ed., McNeese State University, 1976., Ed.D., University of Louisiana at Lafayette, 2011.

Lewis, Heather, 2016. Associate Professor, Troy. B.S.B.A., Glenville State College, 2006., M.B.A., Fairmont State University, 2011., Ph.D., Iowa State University, 2017.

Lewis, Jonathan, 2010. Associate Professor, Global Campus. B.A., Emory University, 1994., M.A., Georgia State University, 1997., Ph.D., University of California at Riverside, 2003.

Lewis, Onick, 2015. Assistant Professor, Troy. B.A., West Virginia University, 2005., S.W.K., West Virginia University, 2008., Ed.D., Grand Canyon University, 2019.

Lewis, Stephanie, 2015. Professor, Phenix City. B.S.N., Purdue University, 1988., M.S.N., University of Phoenix, 2006., Ph.D., University of Tennessee Knoxville, 2013.

Leyva Pizano, Arturo, 2024. Assistant Professor, Troy. B.S., US Sports Academy, 2010., M.A., University of Miami, 2019., Ph.D., University of Miami, 2015.

Liu, Shaoyang, 2012. Associate Professor, Troy. B.S., University of Science & Technology of China, 2002., Ph.D., University of Science & Technology of China, 2007.

Lu, Yuecheng, 2023. Lecturer, Troy. B.M., The Xi'an Conservatory of Music, 2018., M.M., The University of South Florida, 2020., D.M.A., The University of Southern Mississippi, 2023.

Ma, Long, 2017. Associate Professor, Troy. B.S., Taishan University, 2011., M.S., Georgia State University, 2013., Ph.D., Georgia State University, 2017.

Magrath, Lorraine, 1998. Professor, Troy. B.S., University of Southern Mississippi, 1984., M.B.A., University of Southern Mississippi, 1990., Ph.D., The University of Alabama, 1999.

Maiden, Rodney, 2016. Associate Professor, Montgomery. B.B.A., Northeast Louisiana University, 1991., M.P.A., Southern University A&M College, 2001., M.S., The University of North Texas, 2005., Ph.D., The University of Iowa, 2014.

Mariano, Gina J., 2010. Associate Professor, Troy. B.S., Kings College, 1997., M.A., Immaculata University, 2000., Ph.D., Virginia Tech, 2008.

Marshall, Jennifer, 2010. Associate Professor, Global Campus. B.A., Miami University, 1993., M.A., Heidelberg University, 1995., Ed.D., Texas A&M University, 1998.

Mason, Shawna, 2014. Associate Professor, Montgomery. B.S.N., Troy State University, 1995., M.S.N., Troy State University, 2001., D.N.P., University of Alabama at Birmingham, 2009.

Mathis, Robert G., 2008. Lecturer, Global Campus. B.S., Columbus State University, 2001., M.P.A., Columbus State University, 2003., Ph.D., Capella University, 2013.

Mathner, Robert Paul, 2007. Professor, Troy. B.S., University of Southern Mississippi, 1987., M.S., University of Florida, 1990., Ph.D., Florida State University, 1996.

McCoy, Leah, 2023. Assistant Professor, Troy. B.A., West Virginia University, 2009., M.A., Sam Houston University, 2011., M.S.W., University of Georgia, 2023., Ph.D., Sam Houston University, 2015.

McDaniel, Dayna M., 2002. Senior Lecturer, Global Campus. B.A., University of California, Riverside, 1983., M.S., Troy State University, 1988., D.P.A., University of Alabama, 1997.

McGowan, Joshua, 2018. Assistant Professor, Troy. B.S., Troy University, 2015., Master of Accountancy, Troy University, 2016., D.B.A., Creighton University, 2021.

Meadows, James, 2024. Assistant Professor, Troy. B.S.W., The University of Alabama, 2013., M.S.W., The University of Alabama, 2015., Ph.D., The University of Alabama, 2024.

Mendenhall, Allen, 2020. Associate Dean, Sorrell College of Business; Associate Professor, Troy. B.A. Furman College, 2005., M.A., West Virginia University, 2009., J.D., West Virginia University, 2009., LL.M., Temple University, 2011., Ph.D., Auburn University, 2015.

Menon, Govind K., 1996. Professor, Troy. B.S., Troy State University, 1991., M.S., University of Alabama at Birmingham, 1993., Ph.D., University of Alabama at Birmingham, 1997.

Menon, Priya, 2008. Professor, Troy. B.A., University of Calicut, 1996., B.Ed., University of Calicut, 1999., M.Ed., Troy University, 2005., Ph.D., Georgia State University, 2010.

Merriman, Scott A., 2008. Lecturer, Montgomery. B.A., College of Wooster, 1991., M.A., University of Cincinnati, 1995., Ph.D., University of Kentucky, 2003.

Metzger, Barbara, 2013. Assistant Professor, Troy. B.A., Converse College, 1988., M.A., West Virginia University, 1990., Ph.D., West Virginia University, 1992.

Miller, Barbara, 2014. Associate Professor, Dothan. B.S.N., Troy State University, 1997., M.S.N., Troy University, 2007., Ph.D., Georgia Baptist College of Nursing of Mercer University, 2013.

Milligan, Meg, 2006. Professor, Phenix City. B.A., American University of Beirut, 1972., Ph.D., Auburn University, 2003.

Mitchell, Dena, 2012. Assistant Professor, Troy. B.B.A., University of Alaska Anchorage, 2006., Master of Accounting, Florida State University, 2010., Ph.D., University of South Alabama, 2023.

Mixon, Phillip Anthony, 2007. Associate Professor, Troy. B.A., Mississippi State University, 2003., Ph.D., Mississippi State University, 2012.

Morris, Michael Wayne, 2006. Professor, Troy. B.S., Delta State University, 1986., M.S., Mississippi State University, 1987., Ph.D., University of Florida, 1993.

Morrison, Rodger Glenn, 2001. Associate Professor, Troy. B.S., Troy State University, 1999., M.B.A., Troy State University, 2004., M.S., Troy University, 2010., Ph.D., Auburn University, 2008.

Mouser, James, 2018. Associate Professor, Troy. B.B.A., University of Oklahoma, 2007., B.S., University of Oklahoma, 2013., M.S., University of Oklahoma, 2015., Ph.D., University of Mississippi, 2018.

Na, Ilhan, 2024. Assistant Professor, Troy. B.S., Hanyang University, 2012., M.S., Hanyang University, 2017., Ph.D., University of Kansas, 2024.

Ndeh, F. Festus, 2008. Associate Professor, Troy. B.S., University of Yaounde I, 1993., M.S., University of Yaounde I, 1998., Ph.D., Duisburg Essen University, 2005.

Nettelhorst, Stephen, 2024. Assistant Professor, Troy. B.A., University of California, 2006., M.A., California State University, 2009., Ph.D., Kansas State University, 2013.

Newman, Christine, 2019. Assistant Professor, Troy. B.S.B.A., Auburn University Montgomery, 2007., B.S.B.A., Auburn University Montgomery, 2010., M.B.A., Auburn University Montgomery, 2008., Ph.D., Auburn University, 2019.

Newman, Molli, 2022. Assistant Professor, Troy. B.S., Columbus State University, 2005., Ph.D., Auburn University, 2011.

Newman, Nicholas, 2017. Assistant Professor, Dothan. B.S., Troy State University, 2004., M.A.P., Auburn University, 2006., Ph.D., Auburn University, 2009.

Niu, Xutong, 2008. Associate Professor, Troy. B.Sc., Zhejiang University, 1996., M.E., Zhejiang University, 1999., M.S., Ohio State University, 2001., Ph.D., Ohio State University, 2004.

Nokes, Richard Scott, 2003. Associate Professor, Troy. B.A., Butler University, 1992., Ph.D., Wayne State University, 2002.

Ogunbure, Akins T., 2007. Associate Professor, Global Campus. B.B.A., Texas Southern University, 1981., M.B.A., University of Houston, 1983., D.B.A., NOVA Southeastern University, 2010.

Olliff, Martin T., 2002. Professor, Dothan. B.S., Auburn University, 1976., M.A., Auburn University, 1979., Ph.D., Auburn University, 1998.

Orlofsky, Michael C., 1988. Professor, Troy. B.A., Jacksonville State University, 1975., M.F.A., University of Iowa, 1985., M.A., Pennsylvania State University, 1990.

Ortego, James N., 2005. Associate Professor, Dothan. B.A., University of New Orleans, 1993., M.A., University of New Orleans, 1996., Ph.D., University of Louisiana at Lafayette, 2004.

O'Sullivan, Robin, 2010. Lecturer, Dothan. B.A., Dartmouth College, 1999., M.A., University of Southern Maine, 2004., Ph.D., University of Texas at Austin, 2010.

Ouellette, Linda M., 2007. Associate Professor, Global Campus. B.S., University of Florida, 1981., M.A., University of Central Florida, 1996., Ph.D., University of Central Florida, 2005.

Paleologos, Timon Mark, 2005. Associate Professor, Phenix City. B.S., Auburn University, 1990., M.Ed., Auburn University, 1997., Ph.D., Auburn University, 2005.

Paquette, Paige Fuller, 2002. Associate Professor, Phenix City. B.A., The University of Alabama, 1994., M.A., The University of Alabama, 1995., Ph.D., Auburn University, 2009.

Park, Joong-Wook, 2011. Associate Professor, Troy. B.S., Yonsei University, 1997., M.S., Yonsei University, 1999., Ph.D., University of California, Riverside, 2004.

Paul, Amanda N., 2007. Assistant Professor, Troy. B.S.B.A., Troy State University, 1999., M.B.A., Troy State University, 2000.

Pavlis, Haley, 2024. Lecturer, Troy. B.S., Columbus State University, 2017., M.S., Auburn University, 2021.

Paymon, Latonda, 2018. Assistant Professor, Montgomery. A.S.N., Troy State University, 1992., B.S.N., Troy State University, 2000., M.S.N., Troy State University, 2003., D.N.P., Troy University, 2017.

Phillips, Timothy Scott, 2006. Professor, Troy. B.M.E., University of Colorado at Boulder, 2001., M.M., University of Illinois at Urbana-Champaign, 2003., D.M.A., University of Illinois at Urbana-Champaign, 2006.

Premuda Conti, Paola, 2013. Associate Professor, Global Campus. B.S., Universidad de la Republica, 1996., M.S., Southern Illinois University Carbondale, 2003., Ph.D., Southern Illinois University-Carbondale, 2009.

Price-Howard, Lisa "Kate", 2013. Associate Professor, Global Campus. B.S., Florida International University, 1992., M.S., Florida International University, 2000., Ph.D., The University of Utah, 2014.

Puckett, Dan J., 2005. Professor, Troy. B.S., The University of West Alabama, 1991., M.A.T., The University West Alabama, 1993., Ph.D., Mississippi State University, 2005.

Quadlander-Goff, Emma, 2023. Assistant Professor, Dothan. B.A., Southwestern University, 2017., M.S., Troy University, 2019., Ph.D., Auburn University, 2023.

Rabitaile, Julia, 2021. Associate Professor, Dothan. B.S., Florida State University, 2007., M.S., Florida State University, 2009., Ph.D., Clemson University, 2020.

Reed, Shelley, 2014. Associate Professor, Phenix City. B.S., Columbus State University, 2003., M.S., Troy University, 2007., Ph.D., Auburn University, 2012.

Reiner, Thomas, 2011. Associate Professor, Troy. B.A., California State University-Sacramento, 1993., M.A., California State University - Sacramento, 1997., Ph.D., University of Nevada-Reno, 2005.

Relyea, Clint, 2017. Associate Professor, Troy. B.S., Arkansas State University, 1984., M.B.A., Arkansas State University, 1986., Ed.D., Arkansas State University, 2005.

Renales, Felicia, 2018. Assistant Professor, Phenix City. B.S.N., Columbus State University, 2006., M.S.N., Troy University, 2014., D.N.P., Troy University, 2018.

Reynolds, Joseph H., 2004. Assistant Professor, Montgomery. B.S., United States Air Force Academy, 1982., M.S., University Colorado at Colorado Springs, 1990., Ed.S., Troy State University, 1996., Ed.D., Auburn University, 1999.

Riley, Trellys A., 2007. Assistant Dean, College of Education; Associate Professor, Troy. B.S., Oklahoma State University, 1983., M.S., Oklahoma State University, 1987., Ed.D., Oklahoma State University, 1994.

Robertson, Ben P., 2003. Professor, Troy. B.A., Henderson State University, 1995., M.A., University of Central Arkansas, 1998., Ph.D., The University of Tulsa, 2003.

Roblee, Kenneth J., 2002. Professor, Troy. B.S., The University of Alabama, 1994., M.S., Auburn University, 1997., Ph.D., Auburn University, 2000.

Ross, Karen D., 2008. Associate Professor, Troy. B.A., The University of Texas at Austin, 1994., Ph.D., University of Minnesota, 2006.

Ross, Kristin, 2009. Associate Professor, Dothan. B.A., University of New Orleans, 1991., M.A., University of New Orleans, 1996., Ph.D., Louisiana State University and A&M College, 2007.

Rosser-Mims, Dionne M., 2007. Vice Chancellor, Phenix City Campus; Professor, Phenix City. B.S., Piedmont College, 1999., B.A., Piedmont College, 1999., M.P.A., The University of Georgia, 2001., Ph.D., The University of Georgia, 2005.

Rossi, Patrick A., 1993. Professor, Troy. B.S., University of Rhode Island, 1982., M.S., University of Rhode Island, 1984., Ph.D., Auburn University, 1993.

Ruediger, Gregory J., 1995. Associate Professor, Dothan. B.S., Moorhead State University, 1986., M.S., Nova Southeastern University, 1988., Ed.D., University of Florida, 1994.

Rutkowski, Adam, 2022. Assistant Professor, Troy. B.A., Augusta University, 2017., Ph.D., University of Georgia, 2022.

Sabriseilabi, Soheil, 2021. Assistant Professor, Troy. B.S., University of Tehran, 2012., M.A., Allameh Tabatabaie University, 2014., Ph.D., Texas Woman's University, 2021.

Sandoz, Charles J., 2011. Lecturer, Dothan. B.S., Louisiana State University, 1975., M.A., Texas Woman's University, 1988., Ph.D., Temple University, 1995.

Schraeder, Michael A., 2003. Professor, Montgomery. B.A., University of Wyoming-Laramie, 1989., M.B.A., Auburn University at Montgomery, 1994., M.S., Auburn University, 2000., Ph.D., Auburn University, 2001.

Schwarte, Ying, 2021. Assistant Professor, Troy. B.A., Bei Hua University, 2004., M.B.A., University of Phoenix, 2013., Ph.D., Auburn University, 2021.

Seibenhener, Sherry, 2014. Associate Professor, Montgomery. A.S.N., Wallace Community College, 1988., B.S.N., Auburn University, 1997., M.S.N., University of Alabama at Birmingham, 1999., D.N.P., University of South Alabama, 2014.

Sellers, Nicole, 2019. Assistant Professor, Troy. B.A., Boise State University, 2014., M.P.E., Idaho State University, 2015., Ph.D., University of Northern Colorado, 2021.

Sexton, Raymond, 2021. Assistant Professor, Troy. B.M.E., Troy University, 2009., M.M., The University of Mississippi, 2011., Ph.D., Auburn University, 2022.

Shaffer, Christopher, 2005. Dean, Library; Professor, Troy. B.A., Auburn University, 1991., M.E., Augusta State University, 1998., Ed.S., Albany State University, 2004., M.L.I.S., The University of Alabama, 2005., Ed.D., Alabama State University, 2014.

Sherman, Steven, 2010. Lecturer, Global Campus. B.A., Emory University, 1979., M.B.A., San Jose University, 1991., Ph.D., Nova Southeastern University, 2009.

Sherrill, Clifton W., 2010. Professor, Global Campus. B.A., University of South Alabama, 1994, J.D., University of Arkansas-Little Rock, 1997., M.S., Missouri State University, 2000., Ph.D., Florida State University, 2003.

Skaggs, James Gregory, 2005. Professor, Troy. B.A., University of Central Oklahoma, 1992., B.S.E., University of Central Oklahoma, 1998., M.F.A., The University of Oklahoma at Norman, 2004.

Skudrzyk, Bogusia, 2022. Associate Professor, Global Campus. B.A., Southern Illinois University at Carbondale, 1988., M.S.Ed., Southern Illinois University at Carbondale, 1991., Ph.D., Southern Illinois University at Carbondale, 1996.

Slobodchikoff, Michael, 2013. Professor, Troy. B.S., Georgetown University, 1997., M.B.A., Thunderbird School of Global Management, 2000., M.A., The University of Arizona, 2009., Ph.D., The University of Arizona, 2012.

Sluder, J. Brandon, 2008. Professor, Troy. B.S., University of South Carolina, 2001., M.S., Auburn University, 2003., Ph.D., Auburn University, 2008.

Small, Heather, 2017. Associate Professor, Troy. B.M.E., Oberlin College, Conservatory of Music, 1993., M.M., The University of North Texas, 2001., D.M., Florida State University, 2006.

Smith, Chelsea, 2023. Lecturer, Troy. B.S., Troy University, 2014., M.S., Troy University, 2017. Ph.D., Auburn University, 2023.

Southwick, Joshua, 2014. Assistant Professor, Troy. B.S., Brigham Young University-Idaho, 2004., M.R.C., Utah State University, 2015., Ph.D., Utah State University, 2014.

Stagl, Christopher, 2020. Associate Professor, Troy. B.F.A., University of North Florida, 1999., M.F.A., Florida Atlantic University, 2001.

Stamenov, Ventsislav, 2023. Assistant Professor, Troy. M.S., University of National and World Economy, 1999., M.S., University of National and World Economy, 1999., Ph.D., University of Southern California, 2021.

Stewart, Brandon, 2018. Associate Professor, Troy. B.A., Florida Gulf Coast University, 2009., M.S., Florida State University, 2012., Ph.D., University of North Texas, 2017.

Stokes, Lindsey, 2023. Assistant Professor, Montgomery. B.A., University of North Carolina at Wilmington, 2012., M.S., East Carolina University, 2014., Ph.D., Auburn University, 2023.

Sulliman, Jason, 2017. Assistant Professor, Troy. B.M., University of Massachusetts Amherst, 2002., M.M., The University of New Mexico, 2007., D.M., Indiana University Bloomington, 2017.

Sun, Feng, 2008. Associate Professor, Troy. B.L., Nanjing University, China, 1997., M.A., The University of Alabama, 2008., Ph.D., The University of Alabama, 2009.

Sutter, Daniel, 2011. Professor, Troy. B.S., Rensselaer Polytechnic Institute, 1987., M.A., George Mason University, 1992., Ph.D., George Mason University, 1993.

Swain, Holly, 2023. Associate Professor, Troy. B.S., The University of Alabama, 2003., M.S., Troy University, 2005., Ed.S., University of West Alabama, 2011., Ph.D., The University of Alabama, 2015.

Tariq, Ayesha, 2016. Associate Professor, Troy. B.S., University of the Punjab, 1991., M.S., University of the Punjab, 1995., M.B.A., The University of Alabama, 2012., Ph.D., The University of Alabama, 2017.

Tatch, Andrew, 2021. Assistant Professor, Troy. B.A., Valdosta State University, 2008., M.S., Valdosta State University, 2012., Ph.D., Mississippi State University, 2019.

Taylor, Robbyn, 2014. Assistant Professor, Troy. B.S., Troy State University, 2001., M.S., Troy University, 2013., Ph.D., Regent University, 2020.

Templeton, Mary C., 2006. Associate Provost and Dean, Graduate School; Associate Professor, Troy. B.A., University of Alabama, 1998., M.A., University of Alabama, 2000., Ph.D., University of Alabama, 2006.

Teng, Kwok (Joe), L., 2010. Associate Professor, Troy. B.A., Southern Illinois University at Carbondale, 1983., B.S., Southern Illinois University at Carbondale, 1988., M.B.A., Arkansas State University, 1989., Ph.D., The University of Memphis, 2000.

Tew-Washburn, Suzanne, 2006. Associate Professor, Phenix City. B.A., Columbus State University, 1980., M.S., Troy State University, 1982., Ph.D., Auburn University, 2006.

Thompson, Sharon R., 2011. Associate Professor, Global Campus. B.S., Belmont University, 1986., M.A., Southwestern Baptist Theological Seminary, 1988., Ph.D., University of Alabama, 1994.

Thrasher, Michael, 2022. Dean, College of Communication & Fine Arts; Professor, Troy. B.M.E., Northwestern State University, 1994., M.M., University of North Texas, 1996., D.M.A., University of North Texas, 1997.

Tipton, Susan, 2023. Assistant Professor, Global Campus. B.A., Mississippi State University, 2011., M.S., Mississippi State University, 2013., Ed.S., Mississippi State University, 2015., Ph.D., Mississippi State University, 2020.

Todd, Dewey, 2017. Associate Professor, Dothan. B.S., Troy State University, 1987., Ph.D., Georgia State University, 2005.

Tori, Scott Leander, 2009. Associate Professor, Global Campus. B.S., University of Florida, 1985., M.A., University of Kentucky, 1993., Ph.D., University of Kentucky, 1999.

Trinh, Can, 2022. Assistant Professor, Troy. B.A., Foreign Trade University, 2008., M.B.A., International University of Japan, 2012., Ph.D., University of Tennessee Knoxville, 2022.

Van Doom, Judy R., 2007. Associate Professor, Phenix City. B.S., Berry College, 1983., M.B.A., Georgia State University, 1986., M.S., University of Oklahoma, 2001., Ph.D., University of Oklahoma, 2005.

Vincent, Jolene, 2021. Assistant Professor, Troy. B.A., University of Central Florida, 2014., M.A., University of Central Florida, 2015., Ph.D., University of Central Florida, 2018.

Voss, Richard Steven, 2001. Associate Professor, Dothan. B.A., University of California, Riverside, 1984., M.S., Troy State University, 1989., M.S., Troy State University, 1991., Ph.D., University of Alabama, 2001.

Waldner, Leora Susan, 2004. Associate Dean for Strategic Innovation, College of Arts & Sciences; Professor, Global Campus. B.A., University of California, San Diego, 1991., Master of City Planning, University of California, Berkley, 1995., Ph.D., University of California, Berkley, 2003.

Walker, Laura, 2021. Assistant Professor, Troy. B.S. Clemson University, 2001., M.S., Clemson University, 2004., Ph.D., University of North Texas, 2021.

Walker, Mark, 2002. Professor, Troy. B.S.E., Tennessee Technological University, 1993., M.S., University of Illinois, 1995., Ed.D., University of Illinois, 2006.

Walker, Rachel, 2018. Lecturer, Dothan. B.S., Troy University, 2005., M.S.W., Florida State University, 2012.

Wang, Yilu, 2022. Assistant Professor, Troy. B.B.A., Victoria University, 2008., M.B.A., Victoria University, 2010., Ph.D., The University of Texas at El Paso, 2022.

Wang, Zhiyong, 2012. Associate Professor, Troy. B.S., Peking University, 2000., Ph.D., Northwestern University, 2005.

Ward, Eric L., 2009. Associate Professor, Troy. Bachelor of University Studies, Morehead State University, 1999., M.S., Troy University, 2008.

Weaver, Sharon, 2018. Assistant Professor, Troy. B.S., Alabama State University, 2006., M.S., Alabama State University, 2009., Ph.D., Auburn University, 2017.

Wee, Sarah, 2019. Assistant Professor, Troy. B.M., Webster University, 2006., M.M., Washington University, 2010., D.M.A., University of Miami, 2017.

Whitaker, James, 2023. Assistant Professor, Troy. B.A., University of Mississippi, 2007., M.A., University of Mississippi, 2010., M.A., Tulane University, 2013., Ph.D., Tulane University, 2016.

Whitted, Kelli, 2011. Professor, Phenix City. B.S.N., Georgia College and State University, 1994., M.S.N., Troy State University, 2001., D.N.P., Troy University, 2011.

Wijekularathna, Danush, 2015. Associate Professor, Troy. B.S., University of Peradeniya, 2003., M.S., Sam Houston State University, 2009., Ph.D., Texas Tech University, 2015.

Wilson, Jennifer, 2021. Assistant Professor, Montgomery. A.D.N., George Wallace Community College, 1997., B.S.N., Auburn University at Montgomery, 2004., M.S.N., University of South Alabama, 2007., D.N.P., Troy University, 2012.

Wingate, Jason J., 2011. Associate Professor, Montgomery. B.S.E., Troy State University, 1998., M.Ed., Auburn University at Montgomery, 2003., Ph.D., Auburn University, 2010.

Womack, Katherine, 2018. Lecturer, Phenix City. B.S., Troy University, 2014., M.S.W., Troy University, 2016.

Xu, Iris H., 2008. Distinguished Professor, Troy. B.A., Harbin Normal University, China, 1983., M.Ed., University of Alberta, 1999., Ph.D., University of Alberta, 2004.

Yang, Dan, 2022. Assistant Professor, Troy. B.B.A., Guang Xi University, 2009., M.S., Temple University, 2015.

Yang, Hui-Ting, 2007. Professor, Troy. B.M., TaiPei Municipal Teachers College, 1992., M.M., Ohio University, 1996., M.M., Florida State University, 2003., D.M., Florida State University, 2006.

Yi, Huijun, 2014. Associate Professor, Troy. B.S., Kunming University of Science & Technology, 1996., M.S., Southern Illinois University Carbondale, 2007., Ph.D., Southern Illinois University Carbondale, 2014.

Young, Diane, 2014. Associate Professor, Montgomery. A.S.N., Troy State University, 1995., B.S.N., Auburn University of Montgomery, 2000., M.S.N., Auburn University, 2011., Ph.D., The University of Southern Mississippi, 2019.

Yu, Kewei, 2009. Professor, Troy. B.S., Jilin University, 1988., M.S., Chinese Academy of Sciences, 1991., Ph.D., Louisiana State University, 2000.

Zhang, Guilin, 2016. Assistant Professor, Troy. B.A., Shandong University, 2006., M.A., Shandong University, 2009., Ph.D., University of Alberta, 2015.

Zhao, Yanjun, 2014. Associate Professor, Troy. B.S., Jilin University, 2005., Master of Engineering, Southwest JiaoTong University, 2008., M.S., Georgia State University, 2011., Ph.D., Georgia State University, 2015.

Zhong, Jiling Bill, 2005. Associate Professor, Troy. B.S., Southeast University-Nanjing, China, 1995., Ph.D., Georgia State University, 2006.

EMERITI FACULTY

- Allard, Catherine L., 1989.** *Professor Emeritus of Music*, Troy. B.M., SUNY College of Potsdam, 1972. M.S., SUNY College of Potsdam, 1974. D.M.A., Peabody Conservatory of John Hopkins, 1990.
- Anderson, Betty B., 1972.** *Professor Emeritus of Education*, Dothan. A.A., Palm Beach State College, 1963. B.S.E., University of Florida, 1964. M.Ed., University of Florida, 1967. Ph.D., University of Georgia, 1972.
- Anderson, John H., 1989.** *Professor Emeritus of Athletic Training*, Troy. B.S.E., Auburn University, 1965. M.S.Ed., Troy State University, 1969.
- Argenti, Rudolph Martin, 1962.** *Professor Emeritus of Physical Education*, Troy. B.S., Austin Peay State College, 1960. M.S., University of Tennessee, 1961. Ed.D., University of Tennessee, 1968.
- Bankester, Merrill R., 1979.** *Dean Emeritus, Hall School of Journalism*, Troy. B.A., The University of Alabama, 1959. M.A., The University of Alabama, 1968.
- Batchelor, Urton Hillman, 1965.** *Associate Professor Emeritus of Accounting*, Dothan. B.S., Troy State University, 1962. M.B.A., Auburn University, 1965. C.P.A., The University of Alabama.
- Bazzell, Judy, 1989.** *Assistant Professor Emeritus of Nursing*, Troy. A.A., Gulf Coast Community College, 1977. A.S.N., Gulf Coast Community College, 1977. B.S.N., Troy State University, 1982. M.S.N., Troy State University, 1989. D.N.P., Troy University, 2014.
- Blocher, Larry, 2005.** *Professor Emeritus of Music*, Troy. B.M.E., Morehead State University, 1975. M.M., Morehead State University, 1977. Ph.D., Florida State University, 1986.
- Bonner, Frances W., 1979.** *Professor Emeritus of Human Resources Management*, Troy. B.S., University of Maryland, 1965. M.Ed., Auburn University, 1969. Ed.D., Auburn University, 1972. M.S.P.M., Troy State University, 1986.
- Boothe, Anne, 1988.** *Assistant Professor Emeritus of Nursing*, Troy. B.S.N., Troy State University, 1984. M.S.N., Troy State University, 1989.
- Brown, Mary A., 1971.** *Professor Emeritus of Science and Mathematics*, Dothan. B.S., The University of Alabama, 1960. M.A., Rice University, 1962. Ph.D., The University of Alabama, 1968.
- Cochran, Maryjo Adams, 2005.** *Professor Emeritus of Communication*, Troy. B.F.A., Southern Methodist University, 1974. M.A., University of Michigan, 1976. Ph.D., University of Michigan, 1980.
- Cohen, Glenn M., 1997.** *Professor Emeritus of Biological Sciences*, Troy. B.A., Rutgers University, 1965. Ph.D., Florida State University, 1970.
- Coleman, Claudette T., 1994.** *Assistant Professor Emeritus of Nursing*, Troy. B.S.N., The University of Alabama, Birmingham, 1971. M.S.N., The University of Alabama, 1974. Ed.D., Auburn University, 1992.
- Cooper, Judith R., 1986.** *Assistant Professor Emeritus of Nursing*, Troy. B.S.N., The University of Alabama at Birmingham, 1976. M.S.N., The University of Alabama at Birmingham, 1982.
- Cooper, Stephen, 1980.** *Professor Emeritus of English*, Troy. B.A., University of Delaware, 1977. M.A., University of North Carolina, 1985.
- Corradino, George R., 1988.** *Associate Professor Emeritus of Education*, Troy. B.A.Ed., Florida State University, 1953. M.Ed., Auburn University, 1956. Ed.D., Auburn University, 1975.
- Cox, Andrew, 1979.** *Professor Emeritus of Counseling and Psychology*, Troy. B.A. LaGrange College, 1970. M.Ed., West Georgia College, 1972. M.S.W., The University of Alabama, 1994. Ed.D., Mississippi State University, 1979.
- Curtis, Wayne C., 1967.** *Professor Emeritus of Banking and Finance*, Troy. B.S., Auburn University, 1961. M.S., Auburn University, 1963. Ph.D., Mississippi State University, 1971.
- Davidson, Barry S., 2002.** *Professor Emeritus of Education*, Troy. B.S., Pittsburg State University, M.S., 1971, Pittsburg State University, 1973. Ed.S., Vanderbilt University, 1974. Ed.D., University of Arkansas, 1977.
- Day, James F. 1987.** *Professor Emeritus of English*, Troy. A.A., St. Johns River Community College, 1970. B.A., Stetson University, 1972. B.A., Oxford University, 1977. M.A., University of Florida, 1974. M.A., Oxford University, 1982. Ph.D., Duke University, 1985.
- Dell, Mary Ann, 1988.** *Associate Professor Emeritus of Nursing*, Dothan. B.S., Auburn University, 1960. M.N., Emory University, 1964. Ed.D., Auburn University, 1987.
- Dillard, Julia A., 1966.** *Associate Professor Emeritus of Library Science*, Troy. B.A., Troy State University, 1965. M.L.S., The University of Alabama, 1978.
- Douglass, Merrian E., 1983.** *Associate Professor Emeritus and RN/BSN Coordinator/Phenix City*, Troy. B.S.N., Tuskegee Institute, 1961. M.N., Emory University, 1967. D.S.N., The University of Alabama at Birmingham, 1991.
- Dwyer, James E. Jr., 1973.** *Professor Emeritus of Psychology*, Troy. B.S., Auburn University, 1961. M.A., George Peabody, 1971. Ph.D., George Peabody College, 1975.
- Evans, William A., 1992.** *Professor Emeritus of Business*, Dothan. B.S., West Virginia University, 1960. M.B.A., West Virginia University, 1964. D.B.A., Georgia State, 1969.
- Fell, Elizabeth, 2005.** *Professor Emeritus of Education*, Dothan. B.S., Livingston University, 1964. M.Ed., Livingston University, 1968. Ed.D., The University of Alabama, 1985.
- Findley, Henry, 1992.** *Professor Emeritus of Human Resource Management*, Troy. B.A., Auburn University, 1976. M.B.A., Auburn University, 1980. Ph.D., Auburn University, 1995.
- Franks, Carol Jean, 1982.** *Associate Professor Emeritus of Music*, Troy. B.M., University of Illinois at Urbana-Champaign, 1980. M.M., Duquesne University, 1982.
- Gallahan, Carla 2005.** *Associate Professor Emeritus of Music*, Troy. B.S., Auburn University, 1987. M.Ed., Auburn University, 1991. Ph.D., Auburn University, 2010.
- Garrott, Stephen C., 1971.** *Professor Emeritus of Marketing*, Troy. B.S., Murray State, 1965. M.B.A., Murray State, 1968. Ph.D., University of Arkansas, 1979.
- Grubb, Todd C., 1993.** *Professor Emeritus of Management*, Global Campus. B.A., University of California, Santa Barbara, 1957. M.P.A., Syracuse University, 1971. Ph.D., University of Louisville, 1988.
- Gusick, Barbara I., 1996.** *Professor Emeritus of English*, Dothan. B.A., Lewis University, 1980. M.A., DePaul University, 1988. Ph.D., Loyola University, 1996.
- Hamilton, Bernita Knight, 2000.** *Professor Emeritus of Nursing*, Montgomery. B.S.N., The University of Alabama at Birmingham, 1976. M.S.N., The University of Alabama at Birmingham, 1979. Ph.D., Medical College of Georgia, 1997.
- Harney, James M., 1989.** *Assistant Professor Emeritus of Education*, Troy. B.S., University of Minnesota-Duluth, 1959. M.S., Northern Illinois University, 1970. Ph.D., Northern Illinois University, 1974.

- Ingram, Earl, 1987.** *Provost Emeritus*, Troy. B.S., Florida State University, 1964. M.Ed., Florida State University, 1975. M.S., Auburn University, 1974. Ph.D., Auburn University, 1976.
- Jenkins, Joyce W., 1986.** *Assistant Professor Emeritus of Nursing*, Troy. B.S.N., Florida State University, 1964. M.Ed., Florida State University, 1975. M.S.N., The University of Alabama at Birmingham, 1982.
- Johnson, Jerone P., 1974.** *Professor Emeritus of Counseling and Psychology*, Global Campus. B.S., University of Southern Mississippi, 1964. M.S., University of Southern Mississippi, 1968. Ph.D., University of Southern Mississippi, 1973.
- Johnson, Jerry, 2011.** *Professor Emeritus of Art & Design*, Troy. B.A., Southwestern Oklahoma State University, 1986. M.Ed., Southwestern Oklahoma State University, 1987. M.F.A., Louisiana Tech University, 1992.
- Johnson, Kline, 1994.** *Vice President Emeritus for Student Affairs*, Montgomery. B.A., Auburn University, 1961. M.R.E., New Orleans Theological Seminary, 1963. Ed.D., Auburn University, 1972.
- Jones, Sandra Lee, 1984.** *Professor Emeritus of Education*, Dothan. B.A., Columbus College, 1972. M.Ed., Columbus College, 1977. Ed.D., Auburn University, 1991.
- Kantor, Edward Michael, 1964.** *Professor Emeritus of Physical Science*, Troy. A.S., Grays Harbor College, 1957. B.A., Central Washington State College, 1959. M.S., University of Mississippi, 1964.
- Keller, Harry B., 1983.** *Professor Emeritus of Management*, Troy. B.S.E.E., U.S. Naval Academy, 1942. M.E.A., George Washington University, 1959. Nav.E., MIT, 1949. D.B.A., George Washington University, 1968.
- Kelley, Philip, 1971.** *Professor Emeritus of Music*, Troy. B.S., Appalachian State University, 1965. M.M., Florida State University, 1969. D.M., Florida State University, 1985.
- Kimbrough, James D., 1972.** *Professor Emeritus of Education*, Troy. B.S., Jacksonville State University, 1959. M.S., Jacksonville State University, 1964. Ed.D., The University of Alabama, 1972.
- Lee, John W., 1964.** *Associate Professor Emeritus of Mathematics*, Troy. B.S., Troy State University, 1961. M.A., Sam Houston State University, 1964.
- Lewis, Johnston C., 1975.** *Associate Professor Emeritus of Accounting*, Dothan. B.S., Troy State University, 1956. M.S., The University of Alabama, 1961. C.P.A., The University of Alabama.
- Lovik, Lawrence, 1985.** *Professor Emeritus of Business*, Troy. A.B., Mercer University, 1967. M.A., University of Georgia, 1970. Ph.D., Georgia State University, 1981.
- Lovrich, Frank M., 1976.** *Professor Emeritus of Sociology*, Dothan. B.A., Southern Louisiana University, 1965. M.A., University of South Dakota, 1952. Ph.D., South Dakota, 1962.
- Majors, Elizabeth S., 1978.** *Associate Professor Emeritus of Education*, Dothan. B.S., Troy State University, 1954. M.S., Troy University, 1966. Ed.D., The University of Alabama, 1978.
- Marsicano, Hazel E., 1983.** *Professor Emeritus of Education*, Troy. B.S., SUNY Col. At Buffalo, 1966. M.S., SUNY Col. At Buffalo, 1970. Ed.D., SUNY at Buffalo, 1977.
- Martin, Dale A., 1995.** *Professor Emeritus of Counseling and Human Development*, Montgomery. B.S., Samford University, 1964. M.S., Florida State University, 1966. Ph.D., Florida State University, 1970.
- Mathew, Saramma T., 1988.** *Professor Emeritus of Psychology*, B.S., University of Kerala 1958. B.T., University of Jabalpur, 1959. M.A., Howard University, 1968. Ph.D., University of Florida, 1981.
- Meine, Manfred F., 1994.** *Professor Emeritus of Public Administration*, Global Campus. B.S., University of Nebraska Omaha, 1976. M.A., John Jay College of Criminal Justice, 1980. Ph.D., Golden Gate University, 1990.
- Merkel, Edward T., 1978.** *Professor Emeritus of Business*, Troy. B.A., Illinois Benedictine University, 1968. M.A., Northern Illinois University, 1970. Ph.D., Northern Illinois University, 1974.
- Minsky, Barbara, 1999.** *Professor Emeritus of Management*, Dothan. B.A., Brooklyn College of CUNY, 1968. M.S., Brooklyn College of CUNY, 1971. M.B.A., The University of Tennessee at Chattanooga, 1994. Ph.D., Louisiana State University and A&M College, 2002.
- Mitchell, Norma Taylor, 1970.** *Professor Emeritus of History*, Troy. B.A., William and Mary, 1958. M.A., Duke University, 1962. Ph.D., Duke University, 1967.
- Muller, John Hendrix, 1962.** *Professor Emeritus of Chemistry*, Troy. B.A., Oklahoma City University, 1960. M.S., Oklahoma State University, 1963. Ph.D., Louisiana State University, 1971.
- Oberst, Gayle F., 1974.** *Assistant Professor Emeritus of Business*, Dothan. B.S., Troy State University, 1971. M.B.A., Troy State University, 1974.
- Orlofsky, Diane, 1986.** *Professor Emeritus of Music*, Troy. B.M.E., Cedarville College, 1978. M.M., Wright State University, 1982. Ph.D., Florida State University, 1986.
- Padgett, Steven B., 1991.** *Professor Emeritus of Journalism*, Troy. A.A., Santa Fe Community College, 1977. B.A., University of Central Florida, 1981. M.A., The University of Alabama, 1984. Ph.D., Florida State University, 1987.
- Parsa, Amir Parviz, 1982.** *Professor Emeritus of Business*, Dothan. B.A., University of Tehran, 1963. M.A., Texas Christian University, 1965. Ph.D., University of Oklahoma, 1968.
- Patrick, Sarah, 1979.** *Professor Emeritus of Mathematics*, Dothan. B.A., Georgia State University, 1967. B.S., Troy State University, 1997. M.A., Georgia State University, 1970. Ed.S., Georgia State University, 1973. Ph.D., Georgia State University, 1978.
- Percy, Larry, 2001.** *Professor Emeritus of Art & Design*, Troy. B.A.E., Southwestern Oklahoma State University, 1978. M.Ed., Southwestern Oklahoma State University, 1987. M.F.A., The University of Kansas, 1994.
- Peterson, Hans, 1995.** *Professor Emeritus of International Relations*, Global Campus. B.A., University of Louisville, 1959. M.A., University of Denver, 1961. Ph.D., University of Denver, 1966.
- Porter, Curtis H., 1971.** *Professor Emeritus of History*, Troy. B.A., Vanderbilt University, 1963. M.A., Washington University, 1966. Ph.D., Vanderbilt University, 1973.
- Porter, Diane D., 1982.** *Associate Professor Emeritus of Mathematics*, Troy. B.S.E., Troy State University, 1981. M.S.E., Troy State University, 1984. Ed.S., Troy State University, 1990.
- Poteat, George, 1992.** *Professor Emeritus of International Relations*, Global Campus. B.A., California State University, 1967. M.A., California State University, 1969. Ph.D., Washington University, 1973.
- Riley, Brenda J., 1980.** *Professor Emeritus of Nursing*, Troy. B.S.N., Southern College, 1963. M.S., Ohio State University, 1966. D.S.N., The University of Alabama at Birmingham, 1993.
- Riley, Carol Patricia, 2000.** *Associate Professor Emeritus of Nursing*, Montgomery. B.S.N., The University of Alabama at Birmingham, 1974. M.S.N., The University of Alabama at Birmingham, 1977. Ph.D., The University of Alabama at Birmingham, 1988.

- Russell, Betty, 1977.** *Assistant Professor Emeritus of Nursing*, Troy. Diploma, University Hospital Birmingham, 1960. B.S.N., Troy State University, 1977. M.S.N., The University of Alabama at Birmingham, 1980.
- Sanders, Jimmy D., 1991.** *Professor Emeritus of Public Administration*, Global Campus. B.A., University of Nebraska at Omaha, 1968. M.A., University of Southern California, 1988. D.P.A., University of Southern California, 1989.
- Schwab, Charlene H., 1983.** *Professor Emeritus of Nursing*, Phenix City. B.S.N., Indiana University, 1963. M.S.N., Indiana University, 1965. Ph.D., Texas A&M University, 1983.
- Self, Denis Ryan, 2001.** *Professor Emeritus of Management*, Montgomery. B.A., Mississippi State University, 1969. B.S., Mississippi State University, 1974. M.P.P.M., Birmingham-Southern College, 1994 M.S., Auburn University, 2000 Ph.D. Auburn University, 2005.
- Shelton, Samuel, 2002.** *Assistant Professor Emeritus of Public Administration*, Troy. B.A., Emory University, 1970. M.P.A., The American University, 1971. Ed.D., The University of Tennessee, Knoxville, 1978. Ph.D., North Carolina State University, 2002.
- Simkins, Rebecca Y., 1985.** *Assistant Professor Emeritus of Nursing*, Troy. B.S.N., Troy State University, 1980. M.S.N., The University of Alabama at Birmingham, 1982. M.S., Troy State University Dothan, 1989.
- Smith, Anna M., 1976.** *Professor Emeritus of Psychology*, Troy. B.A., Kansas State, 1972. M.S., Kansas State, 1974. Ph.D., Auburn University, 1981.
- Smith, Earl J., 1983.** *Associate Professor of History*, Troy. B.A., Haverford College, 1958. M.A.T., Vanderbilt University, 1968. M.A., Vanderbilt University, 1968. Ph.D., Vanderbilt University, 1974.
- Smith, James W., 1988.** *Associate Professor Emeritus of Music*, Troy. B.M.E., Troy State University, 1971. M.S.E. Jacksonville State University, 1973. M.S.E., Troy State University, 1987. Ed.S., Troy State University, 1993.
- Smith, Raymond W., 1990** *Professor Emeritus of Music*, Troy. B.M.E., Troy State University, 1972. M.M., University of South Florida, 1984.
- Smith, William H., 1974.** *Professor Emeritus of Quantitative Methods and Computer and Information Science*, Troy. B.S., Black Hills State University, 1970. Ph.D., Kansas State University, 1974.
- Spurlock, Jefferson T., 2001.** *Professor Emeritus of Journalism*, Troy. B.A., Western Kentucky University, 1979. M.S., Middle Tennessee State University, 1997. Ph.D., The University of Southern Mississippi, 2005.
- Stewart, G.T., 1965.** *Professor Emeritus of Economics*, Troy. B.S., Samford University, 1960. M.B.A., The University of Alabama, 1961. Ph.D., The University of Alabama, 1966.
- Stewart, Lester D., 1965.** *Professor Emeritus of Education*, Dothan. B.S., Troy State University, 1958. M.Ed., Auburn University, 1958. Ed.D., The University of Alabama, 1969.
- Stewart, Paul Michael, 2000** *Professor Emeritus of Biological and Environmental Sciences*, Eminent Scholar, Troy B.S., Ohio University, 1975. M.S., University of Cincinnati, 1983. Ph.D., Virginia Polytechnic Institute, 1985.
- Stewart, Robert Earl, 1967.** *Associate Professor Emeritus of Finance*, Troy. B.B.A., University of Mississippi, 1964. M.B.A., University of Mississippi, 1965.
- Stokes, Suzanne, 1991.** *Associate Professor Emeritus of Nursing*, Troy. B.S., The University of Alabama, 1971. M.S., University of Alabama, 1972. M.S., Troy State University, 1997. Ph.D., The University of Alabama, 2001.
- Swords, I.R., 1976.** *Associate Professor Emeritus of Psychology*, Dothan. B.S., Jacksonville State University, 1950. M.A., University of Alabama, 1955. M.A., The University of Alabama, 1962. Ph.D., The University of Alabama, 1966.
- Talmadge, Phyllis, 1985.** *Assistant Professor Emeritus of English*, Troy. B.A., Judson College, 1958. M.A., Samford University, 1968.
- Tighe, Mary A., 1984.** *Professor Emeritus of English*, Troy. B.A., University of Pittsburgh, 1960. M.Ed., University of Pittsburgh, 1965. Ph.D., University of Pittsburgh, 1979.
- Tucker, John P., 1988.** *Associate Professor Emeritus of Education*, Phenix City. B.S., Troy State University, 1961. M.Ed., Auburn University, 1963. Ed.D., Auburn University, 1972.
- Vardaman, Shellye Arlene, 2001.** *Professor Emeritus of Nursing*, Troy. B.S.N., University of Alabama, 1996., M.S.N., Troy University, 2003., Ph.D., University of Texas at Tyler, 2011.
- Vickery, James F., 1991.** *Professor Emeritus of Communications*, Montgomery. B.A., Auburn University, 1964. M.A., Auburn University, 1965. Ph.D., Florida State University, 1972. J.D., Faulkner University, 1990.
- Vollrath, Carl Paul, 1965.** *Associate Professor Emeritus of Music*, Troy. B.M., John B. Stetson University, 1953. M.A., Columbia University, 1956. Ed.D., Florida State University, 1964.
- Wadowick, James, 1975.** *Associate Professor Emeritus of Music*, Troy. B.S., Case Western Reserve University, 1957. M.A., Case Western Reserve University, 1967.
- Walker, Frank, 1983.** *Assistant Professor Emeritus of Library Services*, Dothan. B.S., The University of Alabama, 1967. M.L.S., The University of Alabama, 1976.
- Walton, LeRoy, 1974.** *Professor Emeritus of Computer and Information Systems*, Troy. B.A., Mississippi State University, 1965. M.S., Mississippi State University, 1971.
- Welch, William M., 1979.** *Professor Emeritus of History*, Troy. A.B., The University of Alabama, 1973. M.A., The University of Alabama, 1975. Diploma, Institute of Mediterranean Studies, 1974. Ph.D., Oxford University, 1978.

2025-2026 COST OF ATTENDANCE AND FEES

2025-2026 ESTIMATED COST OF ATTENDANCE

The term Cost of Attendance (COA) is an estimate of a student's educational expenses to maintain a moderate standard of living for the period of enrollment and is not necessarily the amount paid directly to Troy University. The Cost of Attendance is used when calculating a student's eligibility for financial aid only.

UNDERGRADUATE (FALL/SPRING SEMESTERS)*			
	On-Campus	Off-Campus	Living with Parent
Tuition	\$10,176	\$10,176	\$10,176
Books & Supplies	\$1,000	\$1,000	\$1,000
Housing & Food	\$10,068	\$10,860	\$5,430
Fees	\$528	\$528	\$528
Transportation	\$1,000	\$2,100	\$2,100
Miscellaneous	\$3,516	\$3,516	\$3,516
Total	\$26,288	\$28,180	\$22,750

*Based on 12 credit hours per semester

UNDERGRADUATE (TERMS 1-4)*		
	Off-Campus	Living with Parent
Tuition	\$10,176	\$10,176
Books & Supplies	\$1,000	\$1,000
Miscellaneous	\$16,476	\$11,046
Total	\$27,652	\$22,222

*Based on 6 credit hours per term

UNDERGRADUATE (Dothan, Montgomery, PC Campus) (TERMS 1-4)*		
	Off-Campus	Living with Parent
Tuition	\$10,176	\$10,176
Books & Supplies	\$1,000	\$1,000
Fees	\$528	\$528
Miscellaneous	\$16,476	\$11,046
Total	\$28,180	\$22,750

*Based on 6 credit hours per term

GRADUATE (FALL/SPRING SEMESTERS)*		
	On-Campus	Off-Campus
Tuition	\$8,550	\$8,550
Books & Supplies	\$1,000	\$1,000
Housing & Food	\$10,068	\$10,860
Fees	\$396	\$396
Transportation	\$1,000	\$1,000

Miscellaneous	\$5,300	\$5,300
Total	\$26,314	\$28,206

**Based on 9 credit hours per semester*

GRADUATE (TERMS 1-4)*		
	On-Campus	Off-Campus
Tuition	\$11,400	\$11,400
Books & Supplies	\$1,000	\$1,000
Miscellaneous	\$15,800	\$18,014
Total	\$28,200	\$30,414

**Based on 6 credit hours per term*

GRADUATE Dothan, Montgomery, PC Campus (TERMS 1-4)*		
	On-Campus	Off-Campus
Tuition	\$11,400	\$11,400
Books & Supplies	\$1,000	\$1,000
Fees	\$396	\$396
Miscellaneous	\$15,800	\$18,014
Total	\$28,596	\$30,810

**Based on 6 credit hours per term*

DOCTORAL		
	Semesters	Terms 1-4
Tuition	\$9,900	\$13,200
Books & Supplies	\$1,000	\$1,000
Fees	\$396	0
Miscellaneous	\$18,014	\$18,014
Total	\$29,310	\$32,214

**Based on 9 credit hours per semester or 6 credit hours per term*

2025-2026 TROY UNIVERSITY TUITION RATES		
Undergraduate Tuition	In-State \$424 per credit hour	Out-of-State \$848 per credit hour
Graduate Tuition	In-State \$475 per credit hour	Out-of-State \$975 per credit hour
Doctoral Tuition	In-State \$550 per credit hour	Out-of-State \$1,100 per credit hour

TROY UNIVERSITY OTHER FEES	
FEE	COST
Testing Fee	\$30 - \$200 varies by program
Housing Application Fee	\$100, non-refundable
Meal Plan	\$1,940-\$2,010 plus tax
Dining Dollar Fee	\$275 plus tax, per semester
Commuter Plus Plan	\$690 plus tax, per semester
Montgomery Café Dollars	\$25 per term
Payment Plan Fee Charged when 100% tuition and fees paid by first payment due date (semester class only)	\$25
Late Payment Fee	\$50
Course Audit Fee	50% of tuition
Drop Fee	\$30 per course, non-refundable
Withdrawal Fees	\$50, non-refundable
Undergraduate Admission Application Fee	\$30, non-refundable
Graduate Admission Application Fee	\$50, non-refundable
Transcript Fee	\$10
Enrollment/Degree Verification	\$8
Graduation Application Fee	\$60, non-refundable
Student Parking Decal	\$100, non-refundable
Student Parking Decal with TROY License	\$25, non-refundable
Parking Decal with Named Spot (Troy Campus Only)	\$150, non-refundable
Parking Decal Faculty/Staff zoned	\$100, non-refundable
Parking Decal Faculty/Staff zoned w/TROY License	No Fee
Parking Decal - Second or Additional	\$15, non-refundable
Returned Check Fee	\$30
Student ID Replacement Fee	\$15
ACT Residual Testing Fee	\$70, non-refundable
DANTES Testing Fee	\$100, non-refundable

ACADEMIC OPERATING CALENDAR 2025-2026

Revised 2/17/2025	25/FA 11-Aug- 14-Dec	25/T1 11-Aug- 12-Oct	25/T2 13-Oct- 14-Dec	26/SP 12-Jan- 24-May	26/T3 12-Jan- 15-Mar	26/T4 23-Mar- 24-May	26/SU 26-May- 26-Jul	26/T5 26-May- 26-Jul
Last day for student to submit Graduation Application	13-Jun	13-Jun	15-Aug	7-Nov	7-Nov	16-Jan	3-Apr	3-Apr
Registration opens	16-Apr	16-Apr	22-Sep	5-Nov	5-Nov	2-Mar	8-Apr	8-Apr
Term begins	11-Aug	11-Aug	13-Oct	12-Jan	12-Jan	23-Mar	26-May	26-May
Course begins	13-Aug	11-Aug	13-Oct	14-Jan	12-Jan	23-Mar	26-May	26-May
Last day to add a course & for Free Adjustment w/100% refund	18-Aug	18-Aug	20-Oct	20-Jan	20-Jan	30-Mar	2-Jun	2-Jun
Census date	19-Aug	19-Aug	21-Oct	21-Jan	21-Jan	31-Mar	3-Jun	3-Jun
Last day for Schedule Adjustment w/50% refund*		25-Aug	27-Oct		26-Jan	6-Apr		9-Jun
Payment due in full	8-Oct	5-Sep	7-Nov	11-Mar	6-Feb	17-Apr	8-Jul	19-Jun
Last day to drop/withdraw	20-Oct	19-Sep	21-Nov	23-Mar	20-Feb	1-May	6-Jul	6-Jul
Last day to change grade of "I" from previous term	21-Sep	28-Sep	14-Dec	8-Feb	115-Feb	17-May	26-Jul	26-Jul
Last day of classes	10-Dec	12-Oct	14-Dec	13-May	15-Mar	24-May	22-Jul	26-Jul
Grades due	11-Dec	14-Oct	15-Dec	14-May	17-Mar	27-May	24-Jul	28-Jul
Grades must be entered into AI and NCMIS portals	21-Dec	24-Oct	25-Dec	24-May	27-Mar	6-Jun	3-Aug	7-Aug

Commencement Dates

Troy	Fall Semester	12-Dec
	Spring Semester	15-May
	Summer Semester & T5	24-Jul
Dothan	T1 & T2	14-Dec
	T3 & T4	TBA
Montgomery	T1 & T2	15-Dec
	T3 & T4	21-May
Phenix City	T5, T1, T2, T3, T4	5-Jun

Holidays and Administrative Leave

1-Sep	Labor Day
11-Nov	Veteran's Day (Observed)
26-Nov-28-Nov	Thanksgiving Break
19-Dec-2-Jan	Holiday Break
19-Jan	Martin Luther King Jr., Day
16-Mar	Spring Break/Admin Leave
25-May	Memorial Day
19-Jun	Juneteenth Holiday
3-Jul	Independence Day Holiday

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