

# GRADUATE CATALOG

2014–2015



## **Policy Statement**

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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, religion, disability, veteran status or sexual 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.

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2014-2015  
Troy University  
Graduate Catalog

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

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

# TROY UNIVERSITY

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## ACCREDITATIONS, MEMBERSHIPS, AND AFFILIATIONS

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Troy University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, education specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Troy University.

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
- Accreditation Council for Business Schools and Programs
- 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 Rehabilitation Education
- Council on Social Work Education
- National Association of Schools of Music
- Network of Schools of Public Policy, Affairs, and Administration

**Troy University is a member of the following:**

- Alabama Association of Colleges for Teacher Education
- Alabama Association of Higher Education in Business
- Alabama Association of College Administrators
- American Association of Colleges for Teacher Education
- American Association of State Colleges and Universities Council on Education
- American Council on Education
- American Association of Colleges of Nursing
- Association to Advance Collegiate Schools of Business
- Council for Adult and Experiential Learning
- International Association of Schools of Social Work
- National Strength and Conditioning Association - Education Recognition Program
- Southern Business Administration Association
- Southern Council on Collegiate Education for Nursing

**Troy University is affiliated with the following:**

- Servicemember's Opportunity College Program

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## UNIVERSITY MISSION STATEMENT

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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.

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## WELCOME TO TROY UNIVERSITY

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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 <http://www.troy.edu>.

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## THE GRADUATE SCHOOL

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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 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](http://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 on-line application form with fee
2. validated proof of earning a BS degree from a regionally accredited or otherwise approved college by submitting official transcripts from all universities attended
3. appropriate standardized admission exam
4. a letter of recommendation
5. other documentation supporting the application

Please see the following explanation of these application requirements.

Consult the Troy University webpage at [admissions.troy.edu](http://admissions.troy.edu) for additional information.

## Admission Contact Information

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

## Transcripts

All official transcripts (raised seal with Registrar's signature, security paper, and without "Issued to Student" stamped on them) from all universities attended noting that credit was accepted toward the completion of the bachelor's degree are required for applicants holding a bachelor's degree. 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 Ad-

missions Office at the address listed below. Failure to report all universities previously attended may result in denial and/or dismissal. 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:

<b>Domestic Students</b> Graduate Admissions University Park Suite 100 Troy University Troy, AL 36082 Email: <a href="mailto:ask@troy.edu">ask@troy.edu</a> Phone: 1-800-414-5756	<b>International Students</b> International Admissions 123 Pace Hall Troy University Troy AL 36082 Email: <a href="mailto:intlrecruit@troy.edu">intlrecruit@troy.edu</a> Phone: 1-334-670-3335
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## Standardized Admission Test (Entrance Exam) Scores

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

<b>Domestic Students</b> Graduate Admissions University Park Suite 100 Troy University Troy, AL 36082 Email: <a href="mailto:ask@troy.edu">ask@troy.edu</a> Phone: 1-800-414-5756	<b>International Students</b> International Admissions 123 Pace Hall Troy University Troy AL 36082 Email: <a href="mailto:intlrecruit@troy.edu">intlrecruit@troy.edu</a> Phone: 1-334-670-3335
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## 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. The official Letter of Recommendation form may be found at [troy-jan.troy.edu/graduateschool/forms.html](http://troy-jan.troy.edu/graduateschool/forms.html). **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**

### **Masters Degree Programs**

#### ***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. 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

- Have an acceptable score on the appropriate entrance exam (official test score required). Exam requirements vary by program:

DNP: GRE 850 (450 verbal, 400 quantitative (old)) OR 294 (152 verbal, 142 quantitative (new))

MACC: GMAT 500

MBA: GRE 900 combined (old) or 294 (new), GMAT 500

MPA: GRE 920 combined (old) or 294 (new), MAT 400, GMAT 490

MSBMS: GRE 850 (old) OR 290 (new) and GRE writing score

MSCS: GRE 850 (old) or 286 (new), GMAT 380. MAT 385

MSHRM: GRE 900 combined (old) or 294 (new), GMAT 500

MSIR: GRE 920 combined (old) or 294 (new), MAT 396, GMAT 490

MSM: GRE 900 combined (old) or 294 (new), GMAT 500

MSN: GRE 850 combined (old) or 290 (new), MAT 396

PhDSM: GRE 1000 (old) or 297 (new)

All other graduate programs:

- GRE 850 combined (old) OR 290 combined (new)

- MAT 385
- GMAT 380

- 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 web request form at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/forms.html).

**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 a program. See specific programs for details. Some programs have higher standards.

#### ***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. or PhD. 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 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.*

#### **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. 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 score. **Note:** *Please consult the individual program test score requirement prior to taking exam. Exam requirements vary by program.*

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 DNP, Ed.S., M.Acc, MBA, MPA, 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 require-

ment 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), students 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.

## **Doctoral Degree Programs**

### **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 (NLNAC or CCNE).
  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.

### **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 TROY University baccalaureate degree 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 below. Stu-

dents 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, letters of recommendation and other admission requirements are waived.

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

<b>Graduate Program</b>	<b>Corresponding Undergraduate Degrees—BA/BS in</b>
Accountancy	Accounting
Adult Education	Any area
Certificate of Taxation	Accounting
Computer Science	Computer Science or related field
Criminal Justice	Any area
Environmental and Biological Sciences	Any area plus demonstrate an adequate academic background in the sciences that includes natural or biological sciences, general chemistry, and statistics.
Health Practice Management	Any Area
History	Any Area
International Relations	Any area
Master of Business Administration-All options	Business Administration, Global Business, Economics, Accounting
Human Resource Management	Business Administration, Global Business, Economics, Accounting
Management	Business Administration, Global Business, Economics, Accounting
Social Science	Any Area
Social Work	Any Area
Strategic Communication	Multimedia Journalism, Broadcast Journalism, Communication Arts, English
MS Sport and Fitness 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 Uni-

versity. Should the student be inadvertently (without the University’s knowing that the baccalaureate degree or masters 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 or ACBSP 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 American Association of Collegiate Registrars and Admission Officers (AACRAO) or Educational Credential Evaluators, Inc. (ECE) evaluation is mandatory. Applicants to the DNP program are eligible only for Unconditional admission status.

### **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. It is the responsibility of the student to observe the limitations imposed on credit hours, 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 Unconditional 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 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:
  - Make a satisfactory score on the Test of English as a Foreign Language (TOEFL): 193 (computer-based test), 70 (Internet-based test), or 523 (paper test).
  - Make a satisfactory score on the International English Language Testing System (IELTS): score of 6.0.
  - Make a satisfactory score on the ACT COMPASS ESL exam. To pass the ACT Compass ESL, a student must attain a total of 270 on the Listening, Reading, and Grammar sections, with no individual score below 85, and a minimum score of 8 out of 12 on a writing test. *Note: The ACT Compass ESL may be taken only once.*
  - Students lacking satisfactory test scores may be admitted following satisfactory completion of the Troy University English as a Second Language (ESL) courses.

### 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. The 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](mailto: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 web site <http://trojan.troy.edu/graduateschool/> for information on program availability at a specific Troy University campus.

Persons requesting U.S. Citizenship and Immigration Ser-

vices (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](mailto:intlprog@troy.edu); or visit the website at [admissions.troy.edu/international](http://admissions.troy.edu/international).

### 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 an American Association of Collegiate Registrars and Admission Officers (AACRAO)* or 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.

AACRAO  
1 Dupont Circle, NW, Suite 520  
Washington, D.C. USA 20036  
Telephone 1-202-293-9161, Fax 1-202-872-8857  
[www.aacrao.org](http://www.aacrao.org)

OR

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](mailto:eval@ece.org)  
<http://www.ece.org>

Institutionally translated transcripts will be evaluated preferably by AACRAO or 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 of AACRAO. 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 at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/forms.html). 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. Students completing a three-year baccalaureate degree will also be required to complete at least one year of a graduate program in their home country prior to applying to the Troy University Graduate School. No "Bridge Program" courses are required. Students must make a satisfactory score on the TOEFL, IELTS, or ACT Compass ESL exam (administered only on the Troy University Campus and may be taken only once) prior to beginning graduate coursework. See English Proficiency Requirements provided under International Student Admission Requirements.

OR

2. Students must make a satisfactory score on the TOEFL, IELTS, or ACT Compass ESL exam, or satisfactory completion of the Troy University ESL program prior to beginning graduate coursework. See English Proficiency Requirements provided under International Student Admission Requirements. The dean of the discipline for which the student seeks admission 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 2.50. All grades below the grade of "C" must be retaken. This prescribed course of undergraduate study shall be referred to as a "Bridge Program." Bridge program students should not repeat courses taken at the undergraduate level. Bridge Program 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 Bridge Program, students meeting all admission requirements may 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 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 program for specific admission requirements. 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 WebExpress.

### **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 addi-

tion 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 Trojan Web Express, 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 Schedule of classes and the Academic Records web page ([www.troy.edu/records](http://www.troy.edu/records)). 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 ([trojan.troy.edu/records/](http://trojan.troy.edu/records/)). 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** ([trojan.troy.edu/records/](http://trojan.troy.edu/records/)). 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 Trojan Web Express. An official withdrawal form must be completed and processed before the student's withdrawal is considered final. The form may be accessed at [trojan.troy.edu/records/](http://trojan.troy.edu/records/).

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 at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/forms.html). 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 at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/forms.html). 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 requires 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 stu-

dents 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 web sites.

### **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 the master's degree.
- Courses numbered "6600" to "6699" are open to qualified graduate students or to students who have already received the 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**

A credit hour at TROY equals not less than one hour of classroom or direct faculty instruction for approximately fifteen weeks for one semester hour of credit, or the equivalent amount of work over a different amount of time.

### **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 additional 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 eTROY. 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.

### **eTROY**

Troy University's eTROY 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, eTROY has expanded to include different programs and methodologies to reach local students, working adults, and the military. eTROY 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 [trojan.troy.edu/etroy/onlinegraduateprograms/](http://trojan.troy.edu/etroy/onlinegraduateprograms/).

### **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 on Trojan Web Express. Students may register for in-class and online courses through Trojan Web Express at <http://splash.troy.edu/go-to/webexpress/>

## State Authorizations

Information of state authorizations is located at: [trojan.troy.edu/etroy/accreditation.html](http://trojan.troy.edu/etroy/accreditation.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. The 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.

## Grading System

Grade	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 (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 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)	No	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.

## 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:

- Student submits a completed "Incomplete Grade Request" form 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 submit-

ting to the instructor an "Incomplete Grade Request" form. This form can be found at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/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 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 "F". An "F" is calculated as an "F" when determining grade point average.

### **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 "F".

### **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 or Field Project**

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

The Troy University Thesis Guidelines located at [trojan.troy.edu/graduateschool/assets/documents/thesisguidelines.pdf](http://trojan.troy.edu/graduateschool/assets/documents/thesisguidelines.pdf) provides students with essential requirements concerning the 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.

### **Thesis Students – Continuous Enrollment**

Students must be enrolled in at least one semester hour of thesis the semester in which they defend their thesis.

### **Intent to Graduate Procedure**

Candidates for a graduate degree must indicate their intentions to complete the requirements for graduation by filing an "Intent to Graduate" form at the beginning of the term/semester prior to the term/semester of graduation with the Graduate Records Office. Since this form 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 Intents to Graduate by the published date will graduate at the next semester of graduation.

Candidates must use the online form located at [splash.troy.edu/go-to/intent/](http://splash.troy.edu/go-to/intent/). If the online form is not accepted this means that the application is too late for participation in the upcoming graduation. A graduation fee must be paid at the time of filing.

### 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 an "Intent to Graduate" form.

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

All credits used to satisfy Masters 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 three 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 three 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 must 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 members and documentation of illness, etc.;
  - d. Readmission Application.

*Note: Student petitions for readmission must be documented, circumstances verified by the appropriate academic official at each location, and a letter recommending support or non-support should accompany the packet before the Dean of the Graduate School will present the petition to the respec-*

*tive 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 **one to up to three years** must contact the Student Services office and complete an Readmission to Graduate School Application. These students are allowed to remain in the program for which they originally enrolled. A student not enrolled with Troy University for **three 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 *Readmission to Graduate School Application* and provide official transcript(s) from that institution before re-enrolling. Readmission to Graduate School Applications are available online at [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/forms.html)

## **Registration**

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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 the Trojan Web Express.

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**

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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**

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See specific program for details.

## **Resident Credit Calculation**

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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**

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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**

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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 calculation 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 six semester hours of credit earned from any previous graduate degree may be applied to the requirement for a second master's degree. Up to ten 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 [trojan.troy.edu/](http://trojan.troy.edu/)

[graduateschool/forms.html](http://graduateschool/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 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.

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 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.
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 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.

**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 [trojan.troy.edu/graduateschool/forms.html](http://trojan.troy.edu/graduateschool/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 International 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 AACRAO or ECE by submitting transcripts and course description. 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.

### 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 [splash.troy.edu/go-to/transcripts/index.html](http://splash.troy.edu/go-to/transcripts/index.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 [trojan.troy.edu/sfs/tuition\\_fees.html](http://trojan.troy.edu/sfs/tuition_fees.html) website for current tuition and fees.

##### eTROY Course Rates

Consult the [trojan.troy.edu/etroy/tuition.html](http://trojan.troy.edu/etroy/tuition.html) website for current tuition and fees. For more information concerning online graduate programs, please contact eTROY at [etroygraduate@troy.edu](mailto:etroygraduate@troy.edu), call 1-800-414-5756, or consult the website at [trojan.troy.edu/etroy/onlinegraduateprograms/](http://trojan.troy.edu/etroy/onlinegraduateprograms/).

##### 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 will 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.

Troy University has limited funds (awarded first-come, first-served) in the College Work Study Program and the Federal Perkins Student Loan Program for which graduate students may apply. The application priority deadline is March of each year for students enrolling the following fall term. Students are urged to use the financial aid section of the website for more detailed information on the financial aid application process.

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

*\*Not applicable for "session".*

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 or Perkins 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.)

#### ***Veterans Education 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 GI Bill (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 GI Bill (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 GI Bill – 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.

#### **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 web site.

#### **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.
3. Must be pursuing a graduate degree in the field to which assigned or in a related field in which the student has substantial background.
4. 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, either a minimum of nine undergraduate hours

or a minimum of three graduate hours and six undergraduate hours must be taken to qualify for a graduate assistantship.

- 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.
5. 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 Financial Aid Office. Undergraduate prerequisite courses are not eligible for payment by the graduate out-of-state scholarship.
6. International graduate students must be in compliance with all U.S. Citizenship and Immigration Services (USCIS) of the Department of Homeland Security (DHS) requirements.
7. Students who are required to submit Test of English as a Foreign Language (TOEFL) scores as part of their graduate admission requirements must have a score of 79 (Internet-based test) or 213 (computer based test) or 550 (paper-based test) or higher to be considered. Additionally, evidence of English language proficiency may be required for some positions.

## **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

- **Directly deposited to the student's Trojan OneCard OneAccount (1 day or less)**

The OneAccount from Higher One is a fully functioning, FDIC insured, free checking account that allows a student to access his or her refund quickly and easily. The OneAccount has no minimum balance, no monthly fees, and free Internet banking features. With the OneAccount, a student may use his or her Trojan OneCard to make purchases anywhere Debit MasterCard is accepted. The student will receive an e-mail when a refund has been directly deposited to the OneAccount. The student may view detailed activity of the OneAccount by accessing the OneAccount Statement online at [www.TrojanOneCard.com](http://www.TrojanOneCard.com).

- **Deposited to another bank account of the student's choice (2-3 business days)**

If a student chooses to have his or her refund deposited to another bank account of choice, the transfer may take two to three business days from the day the University releases the funds. In order to have a refund deposited to his or her bank, a student must first activate his or her Trojan OneCard at [www.TrojanOneCard.com](http://www.TrojanOneCard.com). For this option, the student will need to complete, print, and mail the third party form to the designated address. The third party form is available on [www.TrojanOneCard.com](http://www.TrojanOneCard.com).

Regardless of how students choose to receive their funds, they need to activate their Trojan OneCards. Students are required to activate their Trojan OneCards and make refund selections online at [www.TrojanOneCard.com](http://www.TrojanOneCard.com).

### **Scholarships**

Students seeking scholarship information should visit the Financial Assistance webpage at [trojan.troy.edu/financialaid/](http://trojan.troy.edu/financialaid/)

## **Student Accident & Sickness Insurance Plan**

For additional information on student accident and sickness insurance plans, please refer to [trojan.troy.edu/healthservices/assets/documents/2012-13\\_Health\\_Brochure.pdf](http://trojan.troy.edu/healthservices/assets/documents/2012-13_Health_Brochure.pdf).

## **Troy University Library**

The Troy University Libraries ([trojan.troy.edu/library/](http://trojan.troy.edu/library/)) 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 at [trojan.troy.edu/oracle/](http://trojan.troy.edu/oracle/) 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 agree 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 foot wear, 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 [trojan.troy.edu/students/documents/TROY-Student-Complaint-Policy-and-Form.pdf](http://trojan.troy.edu/students/documents/TROY-Student-Complaint-Policy-and-Form.pdf) and submit a completed form to the Graduate School, 11 Adams Administration Building, Troy, AL, 36082.

### **Disability Services: Policies and Procedures**

Please consult the *Oracle*, the University's official Student Handbook, online at [trojan.troy.edu/oracle/](http://trojan.troy.edu/oracle/) 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 [trojan.troy.edu/oracle/](http://trojan.troy.edu/oracle/), for the most current and complete policy related to harassment and discrimination.

### **Student Records Policy**

Please consult the *Oracle*, the University's official Student Handbook, online at [trojan.troy.edu/oracle/](http://trojan.troy.edu/oracle/), 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 SCIENCES

The College of Arts and Sciences is, from both historical and functional points of view, the core of the modern university. The College of Arts and Sciences views creativity, inquiry and understanding as among the greatest values in human experience. Thus, the College of Arts and Sciences is dedicated to the questioning, creation and transmission of knowledge; to the provision of undergraduate and graduate educational programs that are responsive to the need of an enlightened and productive citizenry; and to the provision of programs and services that enhance the

quality of life of the people it serves.

These goals complete a commitment to creativity and inquiry free of bias and based upon the principles of objective scholarship. The College's goals require a responsibility to promote and convey those elements of the liberal arts and sciences that must be essential components of the educational goals of all units of the university. The college seeks richness through diversity of its programs and strength through erudition.

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	Global Campus*	eTROY
<b>Biomedical Sciences</b>	X					
<b>Computer Science</b>	X			X		
Computer Network and Security Concentration						
Artificial Intelligence Concentration						
Software Development Concentration						
<b>Criminal Justice</b>	X		X		X	X
<b>Environmental &amp; Biological Sciences</b>	X					X
<b>History</b>						X
<b>International Relations</b>	X		X		X	X
<b>Public Administration</b>	X				X	X
<b>Social Science</b>	X					X
<b>Certificate in Biomedical Sciences</b>	X					
<b>Certificate in Government Contracting</b>						X

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location

### MASTER OF SCIENCE IN BIOMEDICAL SCIENCES (M.S. BMS)

#### Mission

The M.S. 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. Prerequisites include physics, general chemistry, and organic chemistry. Students with undergraduate degrees outside of the biological sciences and chemistry are encouraged to inquire about the program.

## Admission Requirements

To apply for admission to the M.S. program in Biomedical Sciences, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s) from all universities or colleges attended;
3. Official copy of one of the following: GRE (with writing score), MAT, GMAT or MCAT, PCAT, AOT, 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 M.S. B.M.S. 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 M.S. 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 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*.

### 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.S. 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 course work attempted with a grade of C or below
4. If the student makes a "C" or lower 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 taken in its place
5. Completion of the curriculum listed below
6. Successful completion of the comprehensive examination

## Requirements for Admission to Candidacy

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. Students must have completed 18 hours of coursework and attained grades of A or B in each of the three required core classes. In addition, students who have more than two grades of "C" or lower will not be eligible for candidacy. Readmitted students will be eligible to candidacy upon raising their GPA to a 3.0.

Unconditionally admitted students must apply for admission to candidacy after completing nine semester hours of requirements as outlined for the specific degree program. The Admission to Candidacy form must be completed within the first 18 semester hours of the program. If the Admission to Candidacy form is not completed by the conclusion of 18 semester hours, a hold will be placed on the student's registration until the Admission to Candidacy process is completed.

If the student makes a "C" or lower 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 in its place.

## Curriculum (36 sh)

The Master of Sciences in Biomedical Sciences is a 36 hour non-thesis degree.

*\* The University requires that 6000-level courses make up at least 50% of the 36 semester hours.*

*\*Courses with separate lectures and labs must be taken together.*

*\*Please note that 5000-level courses cannot duplicate under graduate courses that the student has taken as an under graduate.*

*\*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. All core courses require a grade of "B" or better.*

### Required Core Courses (25 sh)

BMS	6615	3	Medical Microbiology and Immunology
BMS	L615	1	Medical Microbiology & Immunology Lab
BMS	6620	3	Neuroscience
BMS	6625	3	Medical Cell Biology
BMS	L625	1	Medical Cell Biology Lab
BMS	6635	3	Medical Physiology
BMS	6640	8	Anatomical Sciences
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 36 semester hours.

### Elective courses (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	5530	3	Applied Genetics

BIO	L530	1	Applied Genetics Lab
BIO	5533	3	Embryology
BIO	L533	1	Embryology Lab
BIO	5551	3	Toxicology
BIO	L551	1	Toxicology Lab
BIO	5552	3	Industrial Hygiene
BIO	L552	1	Industrial Hygiene Lab
BIO	5771	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
	6626		
BIO	6643	3	Biological Chemistry
BIO	6645	3	Biotechnology Techniques
BIO	6670	1-4	Special Topics
	6671		
BMS	6630	3	Medical Pharmacology
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 and Emergency Response
PA	6678	3	Introduction to Public Health

### **Comprehensive Examination**

After the completion of all coursework (in the semester or term prior to graduation), students must successfully complete a comprehensive examination. 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 during the last semester of coursework.

## **GRADUATE CERTIFICATE IN BIOMEDICAL SCIENCES (BMS)**

### **Admission Requirements**

All certificate students must be admitted to the Graduate School and M.S. BMS program to qualify for the Certificate. See *Graduate Admissions* and *M.S. BMS Admission Requirements*.

### **Course Requirements**

Students admitted in the M.S. BMS program may qualify for the BMS Certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The Graduate Certificate requires 22 semester hours of coursework as described below:

#### **Required Courses (22 sh)**

BMS	6615	3	Medical Microbiology and Immunology
BMS	L615	1	Medical Microbiology and Immunology Lab
BMS	6620	3	Neuroscience

BMS	6625	3	Medical Cell Biology
BMS	L625	1	Medical Cell Biology Lab
BMS	6635	3	Medical Physiology
BMS	6640	8	Anatomical Sciences

### **Other Requirements**

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

- Certification Intent
- Certificate Plan and Progress Record
- Copy of student transcripts

## **MASTER OF SCIENCE IN COMPUTER SCIENCE**

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 Ph.D. 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**

#### **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 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.
2. An acceptable score on the appropriate entrance exam [GRE 286 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### **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:

- Students failing to achieve the minimum entrance exam score exam [GRE 286 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380] may satisfy the test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point average of 3.0. 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.
- 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

CS3360 – Concepts of Object Oriented Programming I

CS 3310 – Foundations of Computer Science

CS 3323 – Data Structures

CS 3332 – Software Engineering

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 graduate coursework.*

### 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	Non-Thesis
1. Complete 33 SH of graduate -level courses to include 6 SH of course CS 6699;	1. Complete 33 SH of graduate-level courses to include 1 SH of course CS 6625;
2. Maintain a minimum overall 3.0 GPA; <b>AND</b>	2. Maintain a minimum overall 3.0 GPA
3. Successfully complete and defend a thesis.	3. Pass the written comprehensive examination; <b>AND</b>
4. 6 hours of thesis research	4. Successfully complete an approved research paper.

### Curriculum

All courses offer three semester hours of credit.

#### **Computer Network and Security Concentration (*Pending Approval*)**

##### **Core Courses (9 sh)**

CS 5549 3 Analysis of Algorithms

CS 5545 3 Computer Architecture

CS 5550 3 Operating System Principles

##### **Select one option below:**

##### **Non-Thesis Option: (24 sh)**

###### **Required Courses: (9 sh)**

CS 6676 3 Advanced Computer Network

CS 6674 3 Network and Information Security

CS 6625 3 Specialized Study in Computer Science

###### **Elective Courses (15 sh)**

Select 15 hours of advisor- approved Computer Science graduate courses.

##### **Thesis Option: (24 sh)**

###### **Required Courses: (12 sh)**

CS 6676 3 Advanced Computer Network

CS 6674 3 Network and Information Security

CS 6699 3-6 Research and Thesis

###### **Elective Courses (12 sh)**

Select 12 hours of advisor- approved Computer Science graduate courses.

#### **Artificial Intelligence Concentration (*Pending Approval*)**

##### **Core Courses (9 sh)**

CS 5549 3 Analysis of Algorithms

CS 5545 3 Computer Architecture

CS 5550 3 Operating System Principles

##### **Select one option below:**

##### **Non-Thesis Option: (24 sh)**

###### **Required Courses: (9 sh)**

CS 6678 3 Advanced Artificial Intelligence

CS 6682 3 Machine Learning

CS 6625 3 Specialized Study in Computer Science

**Elective Courses (15 sh)**

Select 15 hours of advisor- approved Computer Science graduate courses.

**Thesis Option: (24 sh)****Required Courses: (12 sh)**

CS 6678 3 Advanced Artificial Intelligence  
 CS 6682 3 Machine Learning  
 CS 6699 3-6 Research and Thesis (6 sh)

**Elective Courses (12 sh)**

Select 12 hours of advisor- approved Computer Science graduate courses.

**Software Development Concentration (Pending Approval)****Core Courses (9 sh)**

CS 5549 3 Analysis of Algorithms  
 CS 5545 3 Computer Architecture  
 CS 5550 3 Operating System Principles

**Select one option below:****Non-Thesis Option: (24 sh)****Required Courses: (9 sh)**

CS 6680 3 Advanced Software Engineering  
 CS 6640 3 Advanced Database Concepts  
 CS 6625 3 Specialized Study in Computer Science

**Elective Courses (15 sh)**

Select 15 hours of advisor- approved Computer Science graduate courses.

**Thesis Option: (24 sh)****Required Courses: (12 sh)**

CS 6680 3 Advanced Software Engineering  
 CS 6640 3 Advanced Database Concepts  
 CS 6699 3-6 Research and Thesis (6)

**Elective Courses (12 sh)**

Select 12 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 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 Graphics
CS	6668	3	Network Security
CS	6670	3	Applied System Analysis and Design

**Other Electives (approved by adviser—semester hours vary)**

CS	6625, 6626, 6627		Specialized Study in Computer Science*
CS	6649		Special Topics in Computer Science
CS	6699		Research and Thesis

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## MASTER OF SCIENCE IN CRIMINAL JUSTICE

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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 U.S. 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 avious 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**

#### **Unconditional Admission**

1. Hold a masters 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
1. 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.  
AND
3. Have an acceptable score on the appropriate entrance exam [GRE 290 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### **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 with academic deficiencies (course work, GPA, GRE, or MAT scores) may be required to complete additional course work before being granted unconditional admission to the 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/department 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 Research Methods for Criminal Justice and for Non-Thesis option students a grade of "B" or better in CJ 6690 Capstone for Criminal Justice or for Thesis Option students successful defense of the master's thesis, 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 (non-thesis option) or 36 hour (thesis option) program. The curriculum includes six (6) required courses. Six (6) of the first nine (9) hours completed by students must include CJ 6622 Administration of Criminal Justice, CJ 6636 Criminological Theory, or CJ 6610 Principles of Administration; the remaining 3 hours may be selected from any course for which a prerequisite does not preclude enrollment.

All courses offer three semester hours credit.

#### **Required Courses:**

##### **Required Courses (15 sh)**

CJ	6610	3	Principles of Administration
CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6636	3	Criminological Theory
CJ	6650	3	Survey of Research Methods in Criminal Justice

#### **Non-Thesis Option (30 semester hours)**

##### **Non Thesis Option Degree Requirements**

CJ	6690	3	Capstone in Criminal Justice
Required Courses	15	Semester Hours	
Electives	12	Semester Hours	
<b>Total</b>	<b>30 sh</b>		

OR

#### **Thesis Option (36 semester hours)**

*(Note: Available only to students in residence at the Troy, AL campus.)*

##### **Thesis Option Degree Requirements:**

Required Courses	15	Semester Hours (same as non-thesis option)
Electives	15	Semester Hours
CJ 6694	3	Semester Hours
CJ 6695	3	Semester Hours
<b>Total</b>	<b>36 sh</b>	

##### **Electives (12-15sh)**

*Select elective hours from the following graduate courses:*

CJ	6621	3	Current Issues in Corrections
CJ	6624	3	Court Administration
CJ	6625	3	Specialized Study
CJ	6630	3	Juvenile Justice
CJ	6635	3	Community-Based Corrections/Correctional Systems
CJ	6638	3	Seminar in Civil Liberties Related to Corrections
CJ	6640	3	Seminar in Law Enforcement
CJ	6644	3	Administrative Law
CJ	6645	3	Ethics in Criminal Justice Organizations
CJ	6649	3	Statistics for Criminal Justice Research
CJ	6652	3	Seminar in Corrections
CJ	6655	3	Selected Topics in Criminal Justice
CJ	6660	3	Advanced Readings in Criminal Justice

CJ	6671	3	Organizational Theory
CJ	6692	3	Agency Experience
CJ	6693	3	Masters Project

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## MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

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### 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 political 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 technical subject area. Candidates should have completed foundation courses in the biological sciences, one year of general chemistry, and one course in statistics.

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 for Master of Science in Environmental and Biological Sciences

#### 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 chem-

istry, and statistics

3. Have an acceptable score on the appropriate entrance exam [GRE 290 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### 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 with academic deficiencies (coursework, GPA, GRE score) may be required to complete additional course work before being granted unconditional admission to the program.

#### 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.
4. Successful completion of EBS 6691 with a "B" or better
5. Overall 3.0 GPA
6. 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.

#### Graduate Assistantships

The Graduate School offers several different types of assistantships and fellowships. Students should check the Graduate School's website ([www.troy.edu/graduateschool/index.html](http://www.troy.edu/graduateschool/index.html)) for details about assistantships and fellowships, deadlines, and copies of application forms. Students should send the completed assistantship forms to the Department of Biological and Environmental Sciences, 213 Math-Science Complex (MSCX). Students should also contact a faculty member who would be willing to serve as their graduate thesis adviser before applying for an assistantship.

#### Curriculum for M.S. in Environmental and Biological Sciences

The Master of Science in Environmental and Biological Science degree is offered as a 30 semester hour plus thesis or 36 semester hour non-thesis option. Both options require nine semester hours of core courses and 21 semester hours of concentration course options for thesis and 27 semester hours of concentration course options for non-thesis as follows:

**BIOLOGICAL SCIENCES CONCENTRATION****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 : (27 sh)****Select Advisor-approved course electives (27 sh)**

*Courses with separate lectures and labs must be taken together.*

BIO 5513	3	Limnology
BIO L513	1	Limnology Lab
BIO 5516	3	Microbial Ecology
BIO L516	1	Microbial Ecology Lab
BIO 5521	3	Population Ecology
BIO L521	1	Population Ecology Lab
BIO 5530	3	Applied Genetics
BIO L530	1	Applied Genetics Lab
BIO 5550	3	Environmental History
BIO 5552	3	Industrial Hygiene
BIO L552	1	Industrial Hygiene Lab
BIO 5771	3	Parasitology
BIO L571	1	Parasitology Lab
BIO 5576	3	Special Topics
BIO 5580	3	Histology
BIO L580	1	Histology Lab
BIO 6611	3	Global Pollution & Environmental Policy
BIO 6612	3	Environmental Impact Studies
BIO 6643	3	Biological Chemistry
BIO 6662	3	Invasive Species Biology
BIO 6621	3	Environmental Toxicology
BIO 6661	3	Conservation Biology
BMS 6615	3	Medical Microbiology & Immunology
BMS L615	1	Medical Microbiology & Immunology Lab
BMS 6620	3	Neuroscience
BMS 6625	3	Medical Cell Biology
BMS L625	1	Medical Cell Biology Lab
BMS 6630	3	Medical Pharmacology
BMS 6635	3	Medical Physiology
BMS 6640	8	Anatomical Sciences

OR

**Thesis Option: (36 sh minimum)****Required courses : (9-10 sh)**

BIO 6695	6	Thesis Research
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**Select Advisor-approved course electives (21 sh).**

*Courses with separate lectures and labs must be taken together.*

BIO 5513	3	Limnology
BIO L513	1	Limnology Lab
BIO 5516	3	Microbial Ecology
BIO L516	1	Microbial Ecology Lab
BIO 5521	3	Population Ecology
BIO L521	1	Population Ecology Lab
BIO 5530	3	Applied Genetics
BIO L530	1	Applied Genetics Lab

BIO 5550	3	Environmental History
BIO 5552	3	Industrial Hygiene
BIO L552	1	Industrial Hygiene Lab
BIO 5771	3	Parasitology
BIO L571	1	Parasitology Lab
BIO 5576	3	Special Topics
BIO 5580	3	Histology
BIO L580	1	Histology Lab
BIO 6611	3	Global Pollution & Environmental Policy
BIO 6612	3	Environmental Impact Studies
BIO 6624	3	Public Health
BIO 6643	3	Biological Chemistry
BIO 6662	3	Invasive Species Biology
BIO 6621	3	Environmental Toxicology
BIO 6661	3	Conservation Biology
BMS 6615	3	Medical Microbiology & Immunology
BMS L615	1	Medical Microbiology & Immunology Lab
BMS 6620	3	Neuroscience
BMS 6625	3	Medical Cell Biology
BMS L625	1	Medical Cell Biology Lab
BMS 6630	3	Medical Pharmacology
BMS 6635	3	Medical Physiology
BMS 6640	8	Anatomical Sciences

**ENVIRONMENTAL POLICY CONCENTRATION****Required Core Courses (9 sh)**

EBS 6601	3	Environmental and Biological Ethics
EBS 6624	3	Public Health
EBS 6691	3	Research Methodology and Experimental Design

**Non-Thesis Option: (27 sh)**

*Select nine courses*

EBS 5550	3	Environmental History of the U.S.
EBS 6603	3	Environmental Management
EBS 6611	3	Global Pollution and International Environmental Policy
EBS 6612	3	Environmental Impact Studies and Risk Management
EBS 6615	3	Environmental Law, Permitting, and Regulatory Compliance
EBS 6621	3	Environmental Toxicology
EBS 6625	1-3	Specialized Study in Environmental and Biological Sciences
EBS 6626	1-3	Specialized Study in Environmental and Biological Sciences
EBS 6635	3	Land Use Planning
EBS 6637	3	Environmental Economics
EBS 6665	3	Sustainable Development
PA 6622	3	Public Policy
PA 6645	3	Managing Government Contracts
PA 6630	3	Strategic Planning
PA 6631	3	Program Evaluation

**ENVIRONMENTAL SCIENCE CONCENTRATION****Required Core Courses (9 sh)**

EBS 6601	3	Environmental and Biological Ethics
EBS 6624	3	Public Health

EBS	6691	3	Research Methodology and Experimental Design
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Select one option below:

**Non-Thesis Option: (27 sh)**

*Required courses (13 sh)*

**Choose 13 hours from the following:**

EBS	6603	3	Environmental Management
EBS	6612	3	Environmental Impact Studies and Risk Management
EBS	6621	3	Environmental Toxicology
EBS	6630	3	Pollution Science
EBS	L630	1	Pollution Science Laboratory
EBS	6665	3	Sustainable Development

**Adviser Approved Electives courses: (14 sh)**

OR

**Thesis Option: (21 sh minimum)**

**Required courses : (9 sh)**

EBS	6695	6	Thesis Research
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**Select one course:**

EBS	6603	3	Environmental Management
EBS	6665	3	Sustainable Development

**Adviser Approved Electives: (12 sh)**

## **MASTER OF ARTS IN HISTORY**

### **Mission Statement**

The mission of the Troy University Master of Arts program in history is to develop broad, analytical historical knowledge in a variety of subject areas. The MA will also educate students in writing and research skills necessary to the historical profession.

Students choose from two separate tracks under the 12-course, 36-hour Master of Arts program in History. The Thesis track prepares students for further graduate study, especially Ph.D. programs in History. Under this track, students prepare and defend a substantial, original work of research using primary documents. The Non-Thesis track is a terminal degree for those students interested in furthering their knowledge of history, but not necessarily in further graduate work. The Non-Thesis track includes coursework in subject areas and research and concludes with comprehensive exams. Students may switch tracks during their coursework, with the understanding that doing so may increase the time needed to obtain their degree. In either track, the students must choose a primary field of study from the following: (1) American history; or (2) European history. In addition, students must choose a secondary field from the following: (1) American history; (2) European history; or (3) a specific thematic emphasis.

### **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 outside of history are encouraged to inquire about the program.

### **Admission Requirements**

A committee of history graduate faculty will evaluate and decide upon all applications to the program.

To apply for admission to the MA program in History, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s) from all universities or colleges attended;
3. Official copy of one of the following: GRE (with writing score), MAT, or GMAT scores; and
4. A letter of recommendation that addresses the applicant's potential for success in a graduate 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 MA in History.

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 850 combined (old) or 290 (new) with writing score; MAT 385; GMAT 380.

### **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*.

### **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 MA program in History and must be approved by the Chair of the History Department. Students who transfer a "core" course will still be held accountable for all material in Troy courses. In addition, transfer non-thesis track students must still successfully complete the comprehensive exam on their primary and secondary fields. Transfer thesis track students must still complete the comprehensive examination in their secondary field.

### **Requirements for Admission to Candidacy**

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. Students must have completed 18 hours of coursework and attained grades of A or B in each of the three required core classes. In addition, students who have more than two grades of a "C" or lower will not be eligible for candidacy.

Unconditionally admitted graduate students must apply for

admission to candidacy after completing nine semester hours of requirements as outlined for the specific degree program.

If the student makes a "C" or lower 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 taken in its place.

**Specific Notes Regarding Plagiarism**

Plagiarism is the most serious ethical violation in the history profession. All History Masters students are expected to understand the concept of plagiarism as well as the rules of proper citation. Students caught plagiarizing in any way in any graduate history course face an automatic F in the class as well as possible expulsion from the program. For more information on plagiarism, consult the *Oracle* (Troy University's student handbook), as well as the graduate history website, and your advisor and professors.

**Degree Options**

There are two degree options: thesis track and non-thesis track. In the thesis track option, the student must successfully complete and defend a thesis as well as complete other requirements listed. In the non-thesis track option, the student must pass two written comprehensive exams as well as complete other requirements listed.

<b>Thesis</b>
Three required core classes
The selection and completion of a primary field of study (either American or European history)
The selection and completion of a secondary field of study (either American, European, or a specific thematic field of history, not to duplicate the primary field)
The successful completion of a comprehensive examination in the secondary field
The successful completion of a reading proficiency language exam
The successful completion of a thesis

<b>Non-Thesis</b>
Three required core classes
The selection and completion of a primary field of study (either American or European history)
The selection and completion of a secondary field of study (either American, European, or a specific thematic field of history, not to duplicate the primary field)
The successful completion of comprehensive examinations in the primary and secondary fields.

**Degree Requirements**

For the History MA, students must complete the following:

1. Unconditional admission
2. Overall 3.0 GPA in all graduate work completed
3. No more than two grades below a "B."
4. Completion of all Core Courses with a "B" or better.
5. Completion of the curriculum
6. Successful completion of the comprehensive examinations, and/or thesis, as applicable.
7. For thesis track students, demonstration of reading proficiency in an applicable language
8. For thesis track students, successful defense of the thesis
9. Admission to candidacy prior to the completion of 18 semester hours

**Submission of Thesis**

For Thesis Track students, the Thesis must be submitted according to Thesis Guidelines.

**Curriculum**

The Master of Arts in History is a 36-hour (12 course) degree. Students in the MA in History program may choose from one of two tracks: (1) The thesis track; or (2) the non-thesis track. In either program, students must choose a primary and secondary field for their degree. All courses offered in the degree are for 3 credit hours (a 1-hour thesis class is available for those students who have met the thesis hour requirements but have not yet had their thesis approved). Continuous enrollment is required.

The MA history curriculum is divided into two types of courses. Students must take some of each type as they move toward their degree. Readings Courses (5000-level courses) cover a specific topic and provide a background of knowledge. These may be either in a discussion or lecture-based format. Research Courses (6000-level seminars) provide an opportunity for students to complete original research in a specific area or topic of history, while solidifying knowledge of subject matter and historiography in that area. Both types of classes include significant amounts of reading and writing.

**Specific Notes for History MA Students Regarding 6000 level Classes**

Because of the rigors and demands of graduate-level work, several online classes are only offered in specific ways. Students may complete required courses online or on campus, or through a combination of formats. The 6000-level core classes and thesis hours are only offered online in 16-week format during the fall and spring. (These 6000-level classes on campus are offered in the regular semester format).

**Core classes (to be taken by all students regardless of track)**

All history masters' students, regardless of track or chosen field, must first take:

- \*HIS 6630 Foundations of Graduate Study in History (3 credit hours)
- \*HIS 6632 American Historiography (3 credit hours)
- \*HIS 6634 European Historiography (3 credit hours)

\*These courses are only offered online and on campus in a 16-week format. Students should read the section entitled “Specific Notes for History MA Students Regarding 6000 Level Classes.” Please note that this means, regardless of date of admission, students will generally only be able to begin the program in the fall or spring semester.

**Note:** Core courses do NOT count toward the primary or secondary field requirements.

### Primary/Secondary Fields

In addition to these Core Classes, students must also take classes based on their specific track and primary/secondary fields. Core Classes must be successfully completed prior to taking any other classes toward the degree. Exceptions may only be made with the written permission of the student’s advisor and the Chair of the Department.

#### Available Emphases for Primary Field

American History  
European History

#### Available Emphases for Secondary Field

American History  
European History  
Specific Thematic Emphasis\*

\*The specific thematic emphasis must be chosen in consultation with (and approved by) both the Chair of the History Department and the student's advisor. These may be, for example (note that the following is by no means an exhaustive list): public history, gender history, history of science, environmental history, African American history, the American South. The thematic secondary field should not overlap with the student's primary field to a significant degree, and must include a historiography course and a 6000-level research course.

### Thesis Track (36 hours)

The Thesis Track is offered to students who wish to continue their graduate studies with a Ph.D. It includes the completion of a significant piece of original historical research (approximately 100 pages) dependent on primary source material.

#### Coursework

Students must take:

*3 core courses	9 sh
5 courses - Primary Field (at least 2 at 6000-level)	15 sh
2 courses - Secondary Field (at least 1 at 6000-level)	6 sh
*Thesis	6 sh
<b>TOTAL</b>	<b>36 sh</b>

\*available as 16-week classes only

Online students should read the section entitled “Specific Notes for History MA Students Regarding 6000 Level Classes.”

### Language Requirements

All thesis track students must demonstrate reading proficiency in a foreign language prior to enrolling in their thesis hours. The foreign language requirement depends upon the student’s primary field. Students should consult with their advisors for available language exams. Members of the history graduate faculty (or other qualified graduate faculty) will compose, administer, and evaluate all foreign language exams.

Students must satisfy the language requirement by successful completion of a proctored reading proficiency/translation exam, to be evaluated by members of the graduate history faculty (or other qualified graduate faculty).

This exam must be completed and passed prior to the completion of the first 18 semester hours of the program admission to candidacy. Exceptions to this policy may be made in writing by the Chair and advisor.

### Thesis Requirements

The thesis is a substantial work of original research (generally around 100 pages), based upon primary sources. Students should develop their masters topic and thesis in close consultation with their advisor and Thesis Committee. The Thesis Committee will be composed of two members of the Troy graduate faculty and one outside member, who must be able to qualify as a member of the graduate faculty. The Chair of the Department is an ex officio member of each Thesis Committee.

Thesis hours are taken only after the successful completion of all coursework and the comprehensive examinations. Students who enroll in these hours and do not complete their thesis must reenroll in at least one hour per semester until graduation. No other courses may be taken at the same time as the thesis hours. In addition to preparing the written thesis, the student must also successfully pass an oral defense of their thesis before their thesis committee. The thesis defense will be scheduled for the end of the semester in which the thesis hours are taken. The defense may, only in extreme circumstances, be conducted via electronic conferencing systems. Students should consult the Thesis Guidelines for additional information.

The Thesis Track is available to all History MA students, including online students. Thesis hours are only available as 16-week courses online, and are only offered in the fall and spring.

### Comprehensive Examinations

After the completion of all coursework (in the semester or term prior to taking thesis hours), Thesis Track students must successfully complete a comprehensive examination in their secondary field. Students should work closely with their advisor to prepare for their comprehensive exam, which will be prepared, administered, and evaluated by members of the graduate faculty. Comprehensive exams will be proctored and written. Comprehensive exams will be taken as scheduled by the university and/or department during the last semester/term of coursework prior to taking the exam.

### Non-Thesis Track (36 hours)

The Non-Thesis Track is designed for those students wishing to broaden their expertise in certain areas of history. The Non-Thesis track is considered a terminal degree. Students who believe they might be interested in further graduate study (a Ph.D.) should take the Thesis Track.

Coursework

Students must take:

*3 core courses	9 sh
5 courses - Primary Field (at least 2 at 6000-level)	15 sh
3 courses - Secondary Field (at least 1 at 6000-level)	9 sh
1 course - Elective (6000 level)	3 sh
<b>TOTAL</b>	<b>36 sh</b>

\*available as 16-week classes only

Online students should read the section entitled "Specific Notes for History MA Students Regarding 6000 Level Classes."

Language Requirements

There are no language requirements for the Non-Thesis Track.

Comprehensive Examinations

After the completion of all coursework (in the semester or term prior to graduation), Non-Thesis Track students must successfully complete comprehensive examinations in both their primary and secondary fields. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the student's advisor and graduate committee. Comprehensive exams in the primary and secondary fields will be proctored and written. Comprehensive exams will be taken as scheduled by the university and/or department during the last semester/term of coursework.

**Courses****Required Core Classes**

HIS 6630	3	Foundations of Graduate Study in History
HIS 6632	3	American Historiography
HIS 6634	3	European Historiography

**Readings Classes****American History Classes**

HIS 5504	3	Military History of the United States
HIS 5505	3	Old South
HIS 5506	3	New South
HIS 5511	3	Colonial America
HIS 5512	3	The American Revolution and the New Nation
HIS 5517	3	Jacksonian America
HIS 5513	3	Sectionalism, Civil War, and Reconstruction
HIS 5514	3	Gilded Age and Progressive Era
HIS 5537	3	Interwar and World War II America
HIS 5515	3	Contemporary America
HIS 5520	3	The Vietnam War
HIS 5530	3	Civil Rights Movement
HIS 5523	3	US Diplomatic History
HIS 5541	3	American Constitutional Development
HIS 5548	3	The West in American History

HIS 5550	3	Environmental History of the U.S.
HIS 5521	3	African American History
HIS 5522	3	History of American Women
HIS 5540	3	History of American Minorities

**European History Classes**

HIS 5553	3	Late Antiquity
HIS 5564	3	The Crusades
HIS 5567	3	Medieval Europe
HIS 5501	3	French Revolution and Napoleon
HIS 5502	3	Europe from 1815-1900
HIS 5503	3	Contemporary Europe
HIS 5509	3	England to 1688
HIS 5510	3	England Since 1688
HIS 5533	3	Modern Russia
HIS 5542	3	Renaissance and Reformation
HIS 5543	3	Age of Absolutism
HIS 5544	3	Age of Reason
HIS 5545	3	Modern Germany
HIS 5538	3	The Cold War
HIS 5574	3	Modern Eastern Europe

**Elective Classes**

HIS 5552	3	History of Africa
HIS 5551	3	Modern East Asia
HIS 5556	3	History of the Middle East
HIS 5582	3	Colonial Latin America
HIS 5583	3	Modern Latin America
HIS 5584	3	History of Mexico
HIS 5585	3	The ABC Powers
HIS 5586	3	The Caribbean
HIS 5570	3	Women, Health, and History
HIS 5579	3	Infectious Disease and History
HIS 5590	3	Teaching College History
HIS 5595	3	Selected Special Topics in History

**Research/Seminar Classes****American History**

HIS 6640	3	Seminar in 17th Century American History
HIS 6603	3	Seminar in 18th Century American History
HIS 6600	3	Seminar in 19th Century American History
HIS 6602	3	Seminar in 20th Century American History
HIS 6653	3	Seminar in Gender History
HIS 6641	3	Seminar in Slavery
HIS 6642	3	Seminar in Ethnicity/Race in America
HIS 6643	3	Seminar in War and American Society

**European History**

HIS 6604	3	Seminar in Modern France
HIS 6610	3	Seminar in Comparative Revolutions
HIS 6660	3	Seminar in Holocaust and Genocide
HIS 6665	3	Seminar in Medieval History
HIS 6666	3	Seminar in Renaissance and Reformation Europe

HIS 6667	3	Seminar in Age of Absolutism and Enlightenment
HIS 6609	3	Seminar in 18th Century Europe
HIS 6611	3	Seminar in 19th Century Europe
HIS 6612	3	Seminar in 20th Century Europe
HIS 6613	3	Seminar in British History

**Thesis Hours**

HIS 6695	1-6	Thesis
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**Elective Classes**

HIS 6614	3	Seminar in Contemporary Japan
HIS 6615	3	Seminar in Latin American History
HIS 6650	3	Seminar in the History of Science
HIS 6651-52	3	Thematic Historiography
HIS 6696-97	3	Selected Topics in History

Please note that the 6000-level core classes as well as all thesis hours (online and on campus) are ONLY offered in a 16-week format.

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## MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

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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, 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 for the Master of Science in International Relations Degree

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**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.

AND

3. Have an acceptable score on the appropriate entrance exam [GRE 294 (920 on the old exam) (verbal plus quantitative), MAT 396, GMAT 490].

**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*.

**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 U.S. 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 of the comprehensive examination or a thesis\*
5. Successful completion ("B" or better) of IR 6601 Research Methods in International Relations, the program research requirement

\*The thesis option is not available to eTROY students.

**Curriculum**

All courses offer three semester hours credit.

The MSIR curriculum of study consists of three integral components.

1. Four core required courses
2. The selection and completion of one program concentration

3. The successful completion of a comprehensive examination OR the preparation and defense of a Master's Thesis

**REQUIRED CORE COURSES (12 SH)**

All MSIR students must take the following four courses:

IR	5551	3	Survey of International Relations
IR	6601	3	Research Methods in International Relations
IR	6620	3	International Political Economy
IR	6652	3	Theory and Ideology of International Relations

**MSIR CONCENTRATION OPTIONS**

*Students must choose ONE of the following concentrations:*

- Global Studies (24 sh)
- National Security Affairs (24 sh)
- Regional Affairs (24 sh)

**GLOBAL STUDIES CONCENTRATION (24 sh)**

*Students may choose any eight of the following courses:*

GEO	5506	3	Urbanism
GEO	5511	3	Demography
GEO	5526	3	Geography of the Russian Realm
GEO	6624	3	Geographic Characteristics of the Developing Realm
HIS	5503	3	Contemporary Europe
HIS	5504	3	Military History of the United States
HIS	5510	3	England since 1688
HIS	5515	3	Contemporary America
HIS	5523	3	U.S. Diplomatic History
HIS	5533	3	Modern Russia
HIS	5545	3	Modern Germany
HIS	5551	3	Modern East Asia
HIS	5583	3	Modern Latin America
HIS	5552	3	History of Africa
HIS	5556	3	History of the Middle East
HIS	6614	3	Seminar in Contemporary Japan
HIS	6615	3	Seminar in Latin American History
IR	5502	3	International Political Geography
IR	5524	3	Contemporary American Foreign Policy
IR	5533	3	Comparative Government
IR	5552	3	International Law
IR	5570	3	Politics of Southeast Asia
IR	6600	3	Selected Topics in International Relations
IR	6602	3	Geostrategic Studies
IR	6610	3	International Organizations
IR	6612	3	Comparative Public Policy
IR	6625	3	Specialized Study in International Relations
	6626		
	6627		
IR	6629	3	Seminar in International Relations
	6630		
IR	6631	3	Intercultural Relations
IR	6633	3	Developed and Developing Nations
IR	6634	3	Tradition, Revolution, and Change

IR	6635	3	National Security Policy
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR	6642	3	Russia and Eastern Europe in World Affairs
IR	6644	3	Middle East in World Affairs
IR	6645	3	Asia in World Affairs
IR	6646	3	South Asia in World Affairs
IR	6647	3	Western Europe in World Affairs
IR	6648	3	Sub-Saharan Africa in World Affairs
IR	6653	3	Political Psychology
IR	6654	3	Media, Technology, and International Politics
IR	6655	3	International Conflict Management
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations
IR	6665	3	Readings in International Relations
IR	6668	3	Thesis
IR	6669	3	Thesis
IR	6670	3	United Kingdom in World Affairs
IR	6672	3	Germany in World Affairs
IR	6675	3	Central America in World Affairs
IR	6676	3	Japan in World Affairs
IR	6677	3	China in World Affairs
IR	6681	3	Tribalism and Colonialism in Africa
IR	6685	3	Terrorism and Political Violence
IR	6686	3	Drug Politics in the Americas
IR	6687	3	Free Trade and Economic Integration in the Americas
IR	6688	3	Islamic Fundamentalism
IR	6650	3	Environmental Security, Conflict, and Development
PA	6610	3	Foundations of Public Administration

**NATIONAL SECURITY AFFAIRS CONCENTRATION (24 SH)**

*Students must choose any four of the following courses: (12sh)*

HIS	5504	3	Military History of the United States
IR	5524	3	Contemporary American Foreign Policy
IR	5552	3	International Law
IR	6602	3	Geostrategic Studies
IR	6635	3	National Security Policy
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations
IR	6685	3	Terrorism and Political Violence

**Approved Elective Courses: (12 sh)**

*Students must choose four courses from the remaining electives listed for the Global Studies Concentration.*

**REGIONAL AFFAIRS CONCENTRATION (24 sh)**

*Students must take each of the following courses: (9 sh)*

IR	5533	3	Comparative Government
IR	6610	3	International Organizations
IR	6631	3	Intercultural Relations

**Concentration Relevant Electives Courses: (9 sh)**

*Students must choose three courses from one of the following regional groups:*

**Africa and Middle East**

*Students must take at least one course focused on Africa and one focused on the Middle East*

HIS	5552	3	History of Africa
HIS	5556	3	History of the Middle East
IR	6640	3	Government and Politics in Developing Nations
IR	6648	3	Sub-Saharan Africa in World Affairs
IR	6681	3	Tribalism and Colonialism in Africa
IR	6644	3	Middle East in World Affairs
IR	6688	3	Islamic Fundamentalism

**Asia**

GEO	5526	3	Geography of the Russian Realm
HIS	5551	3	Modern East Asia
HIS	6614	3	Seminar in Contemporary Japan
IR	5570	3	Politics of Southeast Asia
IR	6640	3	Government and Politics of Developing Nations
IR	6645	3	Asia in World Affairs
IR	6646	3	South Asia in World Affairs
IR	6676	3	Japan in World Affairs
IR	6677	3	China in World Affairs

**Europe**

GEO	5526	3	Geography of the Russian Realm
HIS	5503	3	Contemporary Europe
HIS	5510	3	England Since 1688
HIS	5545	3	Modern Germany
IR	6642	3	Russia and Eastern Europe in World Affairs
IR	6647	3	Western Europe in World Affairs
IR	6670	3	United Kingdom in World Affairs
IR	6672	3	Germany in World Affairs

**Latin America**

HIS	5583	3	Modern Latin America
HIS	6615	3	Seminar in Latin American History
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR	6675	3	Central America in World Affairs
IR	6686	3	Drug Politics in the Americas
IR	6687	3	Free Trade and Economic Integration in the Americas

***Approved Electives Courses: (6 sh)***

Students must choose two courses from the remaining electives listed for the Global Studies Concentration.

**THE THIRD COMPONENT OF THE MSIR DEGREE PROGRAM IS THE SUCCESSFUL COMPLETION OF ONE OF THE FOLLOWING OPTIONS:**

1. **Comprehensive Examination** – Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the

MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time MSIR faculty, reviewed by the Chair, and certified by the Graduate Dean. Troy University faculty and staff administer comprehensive examinations.

2. **Thesis \***— Students choosing the thesis option must register for IR 6668 (3 credit hours) and IR 6669 (3 credit hours) as their last two courses in the program. They must successfully research, write, and defend their thesis while taking IR 6668 and IR 6669. This process involves directed research in selected areas of international relations, 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 will receive a Pass or Fail for the two thesis courses, no letter grade. Students completing this option are not required to take the Comprehensive Examination.

\* *The thesis option is not available to eTROY students.*

**Note:** Program changes from the Comprehensive Examination Option to the Thesis Option are not permitted after attempting the Comprehensive Examination.

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## MASTER OF PUBLIC ADMINISTRATION

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**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.

The MPA degree is a 12-course, 36-credit-hour curriculum of study. Students with less than one year of work experience in a paraprofessional, professional, technical, or supervisory position that involves relevant service to the profession and/or public service will complete an additional three-hour internship course for a total of 39 credit hours. Students may take courses as pre-service, in-service, full-time, and part-time students and through eTROY. **The MPA degree program is offered at the Global Campus site in Atlanta, through online courses, and at the Troy campus.**

**Accreditation**

The Troy University Master of Public Administration (MPA) degree is accredited by the Network of Schools of Public Policy, Affairs, and Administration (NASPAA).

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### Admission Requirements for Master of Public Administration

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To apply for admission to the Master of Public Administration program, applicants must submit the following material to the relevant Troy University address specified in the *Graduate Catalog's* General Regulations section under "Pre Admission Procedures Application Forms":

1. Completed application form.
2. Official transcript(s) from all universities attended;
3. Official copy of GRE, MAT or GMAT scores;
4. A letter of recommendation that addresses the applicant's potential for success in professional graduate studies and public service;
5. A 500 word essay addressing the applicant's professional goals, readiness, and potential for completing the MPA program; and,

6. A resume listing professional experience, certifications, and other preparation.

Except for holders of an MPA/MPP degree from a NASPAA accredited program, the MPA admission requirements apply to all TROY MPA program applicants, including:

- Admission with a master's or higher degree from a regionally accredited university (official copy of GRE, MAT or GMAT scores not required)
- Admission to the Graduate Certificate in Government Contracting option

MPA program applicants are not allowed to register for MPA courses without completion of all admissions requirements. Students enrolled in other accredited universities who wish to take Troy University MPA courses may use the Transient Admission Procedures specified in the General Regulations section of this *Catalog*.

### 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.  
OR
2. A bachelor's degree from a regionally accredited college or university;
3. Achieved a minimum of 2.5 GPA in all undergraduate courses or a minimum 3.0 GPA in the last thirty undergraduate semester hours;
4. Have an acceptable score on the appropriate entrance exam: GRE 294 (920 on the old exam) (verbal plus quantitative), MAT 400, or GMAT 490.

**In addition to these criteria, the MPA admissions process takes into account an applicant's letter of recommendation, essay, and resumé in determining whether or not the applicant is admitted to the program and assigned Unconditional or Conditional Admission status.**

### Conditional Admission

Upon recommendation by the MPA Admissions Committee and approval by the Director of the MPA Program, conditional admission may be granted under certain circumstances to applicants who do not satisfy all unconditional admission requirements. See also conditional admission requirements in the General Regulations section of this *Catalog*.

### 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. Transfer credit for MPA core courses is limited to courses completed at Network of Schools of Public Policy, Affairs, and Administration (NASPAA) accredited MPA programs. 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

Students with less than one year work experience in a paraprofessional, professional, technical, or supervisory posi-

tion that involves relevant service to the profession and/or public service are required to complete PA 6694 Internship. Students may substitute the PA 6694 Internship course for one (1) elective concentration course. However, the student's internship must be approved by the PA 6694 instructor in advance and performed in an area that is related to the student's identified concentration.

### 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 including nine core courses and three elective courses from one concentration. **It is strongly recommended that students complete PA 6601-Research Methods in Public Administration and PA 6610-Foundation of Public Administration within their initial 18 hours in the MPA program.**

#### Required Core Courses : (27 SH)

PA 6601	3	Research Methods in Public Administration
PA 6610	3	Foundations of Public Administration
PA 6620	3	Theory of Organizations
		OR
PA 6646	3	Organizational Behavior
PA 6622	3	Public Policy
PA 6624	3	Public Human Resource Management
PA 6650	3	Governmental Budgeting and Financial Management
PA 6674	3	Ethics in Public Administration
PA 6699	3	Capstone in Public Administration
PA 6603	3	Economics for Public Management
		OR
PA 6631	3	Program Evaluation

*\*Students in Nonprofit Management concentration must take PA 6631. PA 6601 must be completed prior to taking PA 6631.*

#### Concentrations (9 hours)

Students must select one of the following concentrations and take three courses from that concentration:

- Government Contracting
- Justice Administration
- National Security Affairs
- Nonprofit Management
- Public Health Administration
- Public Human Resource Management
- Public Management

## Concentrations

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### Government Contracting

PA	6645	3	Managing Government Contracts
PA	6647	3	Advanced Contract Administration
PA	6648	3	Contract Negotiation
PA	6649	3	Government Contract Law
PA	6668	3	Grant Management for Public and Non-profit Organizations

### Justice Administration

CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6624	3	Court Administration
CJ	6630	3	Juvenile Justice
CJ	6652	3	Seminar in Corrections

### National Security Affairs

IR	5524	3	Contemporary American Foreign Policy
IR	5551	3	Survey of International Relations
IR	5552	3	International Law
IR	6602	3	Geostrategic Studies
IR	6630	3	Seminar in International Relations
IR	6635	3	National Security Policy
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations

### Nonprofit Management\*

PA	6607	3	Performance Measurement and Management for Public and Nonprofit Organizations
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation*
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

\*Students in Nonprofit Management must take PA 6631. PA 6601 must be completed prior to taking PA 6631.

### Public Health Administration

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 and Emergency Response
PA	6678	3	Introduction to Public Health

### Public Human Resource Management\*

PA	6604	3	Workforce Planning and Staffing
PA	6605	3	Training and Development
PA	6606	3	Issues in Managing the Public Workforce
PA	6643	3	Advanced Public Human Resources Management

\*Students in Public Human Resources Management must take PA 6624 prior to taking PA 6604 or PA 6643.

### Public Management

PA	6603	3	Economics for Public Management
PA	6607	3	Performance Measurement and Management for Public and Non-profit Organizations
PA	6620	3	Theory of Organizations
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation
PA	6640	3	Intergovernmental Relations
PA	6644	3	Administrative Law
PA	6645	3	Managing Government Contracts
PA	6646	3	Organizational Behavior
PA	6665	3	Leadership in Public Administration
PA	6668	3	Grant Management for Public and Nonprofit Organizations
PA	6679	3	e-Governance
PA	66xx	3	Approved Adviser elective

### Concentration Courses

PA 6625 Specialized Study in Public Administration or PA 6660 Readings in Public Administration may be utilized in any concentration 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. A course completed for one concentration cannot be used for another concentration.

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## GRADUATE CERTIFICATE IN GOVERNMENT CONTRACTING

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### Admission Requirements

Applicants who want to pursue the Graduate Certificate in Government Contracting must be admitted to the Graduate School and MPA program. See Graduate Admissions and MPA Admission requirements.

### Course Requirements

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The Graduate Certificate in Government Contracting requires the following four courses:

PA	6645	3	Managing Government Contracts
PA	6647	3	Advanced Contract Administration
PA	6648	3	Contract Negotiation
PA	6649	3	Government Contract Law

Admitted MPA 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 certification requirement.

### Other Requirements

Students who wish to be issued a certificate must submit the

following to their home campus:

- Certification Intent
- Copy of student transcript

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## MASTER OF SOCIAL SCIENCE

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### Mission statement

The Master of Social Science Degree (M.S.Sc.) is an interdisciplinary program for graduate students that offers a wide variety of disciplinary and interdisciplinary opportunities for advancing academic or career goals. The M.S.Sc. 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 M.S.Sc. Degree provides every student with a vibrant and collaborative intellectual community and core-course training in social science theory, analytical abilities, and methodology. After completing three core courses, students may choose additional courses from a variety of graduate offerings. Classes may be selected from any combination of the following subject areas; Anthropology, Sociology, Psychology, and Economics. Students have the option to take all of their elective courses in one area or can select courses from a variety of subjects.

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. Teach at a high school level (with required teaching certification).
4. Effectively communicate with individuals and groups from all backgrounds.
5. Develop methodologies and skills to facilitate societal change.
6. Pursue doctoral or professional school degrees.

### Objectives

1. To prepare students to fulfill a need in American Society 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 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 for the Master of Social Science

A committee of graduate faculty in the Department of Social Sciences will evaluate and decide upon all applications to the program. 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) from all universities or colleges attended;
3. Official copy of one of the following: GRE (with writing score), MAT, or GMAT scores; and
4. A letter of recommendation that addresses the applicant's potential for success in a Master of Social Science graduate 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.
2. Applicants who have 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. Applicants must have an acceptable score on the appropriate entrance exam: GRE 850 combined (old) or 290 combined (new), MAT 385 or GMAT 380.

### 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*.

### 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 compara-

ble in catalog description to Troy University courses in the Social Science Graduate Program and be approved by the department chair and college dean. If the student transfers a “core” or “required course,” (s)he is still subject to a written comprehensive exam based on the material present at Troy University.

### Requirements for Admission to Candidacy

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. Unconditionally admitted graduate students must apply for admission to candidacy within the first eighteen semester hours of graduate coursework and complete any additional requirements outlined for the specific degree program. If not completed within the first eighteen hours, a hold will be placed on the students’ registration until the Degree Plan/ Admission to Candidacy process is completed.

### 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.

### Degree Requirements

Any student completing the coursework with a 3.0 GPA or better, fulfilling candidacy requirements, successfully completing the required Comprehensive Exam and research requirement will be awarded the master’s degree. (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.)

### Approval Process

#### *Thesis Option*

1. Achieve unconditional admission to the program;
2. Complete 9 SH of graduate level core courses;
3. Complete 6 SH of thesis classes;
4. Complete 21 SH hours of electives;
5. Maintain a minimum overall 3.0 GPA; AND
6. Submit an approved thesis proposal.
7. Thesis Option is not available for eTROY students.

#### *Non-Thesis Option*

1. Achieve unconditional admission to the program;
2. Complete 9 SH of graduate level core courses;
3. Complete 27 SH of electives;
4. Maintain a minimum overall 3.0 GPA;
5. Students must successfully complete a Comprehensive Exam;

### Submission of Thesis or Research Paper

The thesis must be submitted according to Thesis Guidelines.

### **Curriculum**

*All courses offer three semester hours credit.*

#### **Thesis Option\***

Required Core Courses	9 SH
Electives	21 SH
Thesis Course	<u>6 SH</u>
Total	30 SH

*\*Not available for eTROY students.*

#### **Non-Thesis Option\***

Required Core Courses	9 SH
Electives	<u>27 SH</u>
Total	36 SH

*\*Non-thesis option includes a comprehensive examination.*

#### **Required Core Courses (9 SH)**

SS 6690 (3)	Seminar in Social Sciences
SS 6691 (3)	Survey of Research Methods in Social Science*
	<i>*A grade of “B” or better is required.</i>
SS 6698 (3)	Social Theory

#### **Electives (21/27 SH)**

*Select any 21/27 semester hours of graduate coursework\* from the following disciplines:*

Anthropology, Economics, Geography, History, Political Science, Psychology, Social Science, or Sociology.

*\*Courses must be advisor- approved.*

#### **Thesis Courses**

SS 6693 (3)	Thesis Practicum
SS 6695 (3)	Thesis

2014-2015

**TROY UNIVERSITY**  
**M.S. - BIOMEDICAL SCIENCES (BMS)**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publication 384-265  
 Created: 3/2014

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

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores admitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 Semester hours of credit</li> <li>5. Meet residency requirements</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0</li> <li>8. Completion of BIO 6691 with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete comprehensive exam or thesis (Select One)</li> <li>11. Intent to Graduate filed</li> </ol> |
|---|---|

**CORE COURSES (25 Semester Hours)**

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
BMS 6615	Medical Microbiology and Immunology	3			
BMS L615	Medical Microbiology and Immunology Lab	1			
BMS 6620	Neuroscience	3			
BMS 6625	Medical Cell Biology	3			
BMS L625	Medical Cell Biology Lab	1			
BMS 6635	Medical Physiology	3			
BMS 6640	Anatomical Sciences	8			
BIO 6691	Research Methodology and Experimental Design	3			

**ELECTIVE COURSES:** (11-12 Semester Hours) *See Graduate Catalog for list of approved electives.*

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

**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.**

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN COMPUTER SCIENCE**  
**Computer Network and Security Concentration**  
 Graduate Degree Plan and Progress Record  
**33 Semester-Hour Program**

TROY Publication 384-255  
 Revised: 3/2014  
 Page 1 of 2

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
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. Intent to Graduate 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	CS II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	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 Semester Hours)

CS 5549	Analysis of Algorithms	3			
CS 5545	Computer Architecture	3			
CS 5550	Operating System Principles	3			

**Non-Thesis Option Required Courses:** (9 Semester Hours)

CS 6676	Advanced Computer Network	3			
CS 6674	Network and Information Security	3			
CS 6625	Specialized Study in Computer Science	3			

**Thesis Option Required Courses:** (12 Semester Hours)

CS 6676	Advanced Computer Network	3			
CS 6674	Network and Information Security	3			
CS 6699	Research and Thesis	6			

**ADVISOR APPROVED ELECTIVES:** *Select 12-15 hours of advisor-approved Computer Science graduate courses*


2014-2015

M.S. in Computer Science  
 384-255  
 TROY Publication  
 Revised: 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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

**Progress:**

STATUS	DATE	INITIALS
Conditional		
Test Scores		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score of GRE waived		
Unconditional		
Residency		
Comps		

**THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM**

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN COMPUTER SCIENCE**  
**Artificial Intelligence Concentration**  
 Graduate Degree Plan and Progress Record  
**33 Semester-Hour Program**

TROY Publication 384-256  
 Revised: 3/2014  
 Page 1 of 2

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
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. Intent to Graduate 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	CS II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	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 Semester Hours)

CS 5549	Analysis of Algorithms	3			
CS 5545	Computer Architecture	3			
CS 5550	Operating System Principles	3			

**Non-Thesis Option Required Courses:** (9 Semester Hours)

CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			
CS 6625	Specialized Study in Computer Science	3			

**Thesis Option Required Courses:** (12 Semester Hours)

CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			
CS 6699	Research and Thesis	6			

**ADVISOR APPROVED ELECTIVES:** *Select 12-15 hours of advisor-approved Computer Science graduate courses*


2014-2015

M.S. in Computer Science  
 384-256  
 TROY Publication  
 Revised: 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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

**Progress:**

STATUS	DATE	INITIALS
Conditional		
Test Scores		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score of GRE waived		
Unconditional		
Residency		
Comps		

**THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM**

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN COMPUTER SCIENCE**  
**Software Development Concentration**  
 Graduate Degree Plan and Progress Record  
**33 Semester-Hour Program**

TROY Publication 384-257  
 Revised: 3/2014  
 Page 1 of 2

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                       | 9. All credit earned within 8 years of graduation          |
| 4. 33 Semester hours of credit                   | 10. Successfully complete comprehensive exam or thesis     |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**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	CS II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	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 Semester Hours)

CS 5549	Analysis of Algorithms	3			
CS 5545	Computer Architecture	3			
CS 5550	Operating System Principles	3			

**Non-Thesis Option Required Courses:** (9 Semester Hours)

CS 6680	Advanced Software Engineering	3			
CS 6640	Advanced Database Concepts	3			
CS 6625	Specialized Study in Computer Science	3			

**Thesis Option Required Courses:** (12 Semester Hours)

CS 6680	Advanced Software Engineering	3			
CS 6640	Advanced Database Concepts	3			
CS 6699	Research and Thesis	6			

**ADVISOR APPROVED ELECTIVES:** *Select 12-15 hours of advisor-approved Computer Science graduate courses*


2014-2015

M.S. in Computer Science  
 384-257  
 TROY Publication  
 Revised: 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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

**Progress:**

STATUS	DATE	INITIALS
Conditional		
Test Scores		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score of GRE waived		
Unconditional		
Residency		
Comps		

**THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM**

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN CRIMINAL JUSTICE**  
 Graduate Degree Plan and Progress Record  
**30 / 36 Semester-Hour Program**

TROY Publication 384-258  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 8. Completion of research requirement 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     |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES** (15 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
CJ 6610	Principles of Administration	3			
CJ 6620	Current Trends in Criminal Law	3			
CJ 6622	Seminar in the Administration of Justice	3			
CJ 6636	Criminological Theory	3			
CJ 6650	Survey of Research Methods in Criminal Justice	3			

**NON-THESIS OPTION\*:** (3 Semester Hours) *Complete all above requirements plus the course listed below. \**

CJ 6690	Capstone in Criminal Justice	3			
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**THESIS OPTION\*:** (6 Semester Hours) *Complete all core requirements plus the courses listed below. \* Available Troy Campus only*

CJ 6694	Thesis Practicum	3			
CJ 6695	Thesis	3			

**ELECTIVES:** (12-15 Semester Hours) *Select 5 courses from approved elective courses. See Graduate Catalog for list.*


**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Test Scores		



2014-2015

**TROY UNIVERSITY**  
**MASTER OF ARTS IN HISTORY**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publication 384-260  
 Revised: 3/2014  
 Page 1 of 2

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0  |
| 2. Official transcript of all academic work      | 8. Completion of core classes with a "B" or better             |
| 3. Unconditional Admission                       | 9. All credit earned within 8 years of graduation              |
| 4. 36 Semester hours of credit                   | 10. Successfully complete comprehensive exam or thesis         |
| 5. Letter of Recommendation                      | 11. Successfully completed language requirement (thesis track) |
| 6. No more than two grades below "B"             | 12. Intent to Graduate filed                                   |

**REQUIRED CORE COURSES FOR NON-THESIS AND THESIS OPTIONS (9 Semester Hours)**

HIS 6630	Foundations of Graduate Study in History	3			
HIS 6632	American Historiography	3			
HIS 6634	European Historiography	3			

**Non-Thesis Option Required Courses: (27 Semester Hours)**

Primary Field (15 Semester Hours) At least two 6000 Level  American History  European History

		3			
		3			
		3			
		3			
		3			

American History

Secondary Field (9 Semester Hours) At least one 6000  European History  Specific Thematic Emphasis \_\_\_\_\_

		3			
		3			
		3			

Elective (3 Semester Hours-Must be 6000 Level)

		3			
--	--	---	--	--	--

**Thesis Option Required Courses: (27 Semester Hours)**

Thesis Hours (6 Semester Hours)

HIS 6695	Thesis	6			
----------	--------	---	--	--	--

Primary Field (15 Semester Hours) At least two 6000 level  American History  European History

		3			
		3			
		3			
		3			
		3			

American History

Secondary Field (6 Semester Hours) At least one 6000  European History  Specific Thematic Emphasis \_\_\_\_\_

		3			
		3			

2014-2015

M.A. in History 384-260  
 TROY Publication  
 Revised: 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 2. Temporary, Conditional, and Unconditional Admission
- 3. Requirement academic advising by faculty
- 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; primary and secondary fields
- 10. Implications of 16-week classes, including financial implications
- 11. Other

**Progress:**

STATUS	DATE	INITIALS
Conditional		
Test Scores		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score of GRE waived		
Unconditional		
Residency		
Comps		

2014-2015

**TROY UNIVERSITY**  
**MASTER of SCIENCE IN INTERNATIONAL RELATIONS**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publication 384-261  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 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 credit                   | 10. Successfully complete comprehensive exam or thesis     |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES** (12 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
IR 5551	Survey of International Relations	3			
IR 6601	Research Methods in International Relations	3			
IR 6620	International Political Economy	3			
IR 6652	Theory & Ideology of International Relations	3			

**CONCENTRATION COURSES:** (12 -24 Semester Hours)     Global Studies     National Security Affairs     Regional Affairs  
 See Graduate Catalog for list of required courses and approved electives for the selected concentration.

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

**THESIS OPTION\*:** Complete 18 sh of selected concentration courses plus thesis courses. Must register for Thesis courses as the last two courses in the program.  
 \* Not available to eTROY students.

IR 6668	Thesis	3			
IR 6669	Thesis	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF PUBLIC ADMINISTRATION**  
 Graduate Degree Plan and Progress Record  
**36 / 39 Semester-Hour Program**

TROY Publication 384-262  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Admission to MPA program</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 Semester hours of coursework credit (39 with Internship)</li> <li>5. Meet residency requirements</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Internship required or waived</li> <li>8. Overall GPA of 3.0</li> <li>9. Completion of research requirement (PA 6601) with a "B" or better</li> <li>10. All credit earned within 8 years of graduation</li> <li>11. Completion of capstone (PA 6699) with a grade of "B" or better</li> <li>12. Intent to Graduate filed</li> </ol> |
|--|---|

**REQUIRED CORE COURSES** (24 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
PA 6601	Research Methods in Public Administration	3			
PA 6610	Foundations of Public Administration <i>(Complete w/in first 9 sh)</i>	3			
	Select One of the following: PA 6620 OR PA 6646	3			
PA 6622	Public Policy	3			
PA 6624	Public Human Resource Management	3			
PA 6650	Governmental Budgeting and Financial Management	3			
PA 6674	Ethics in Public Administration	3			
PA 6699	Capstone in Public Administration <i>(Final course of program)</i>	3			

**SELECT ONE\*:** (3 Semester Hours)

PA 6603	Economics for Public Management	3			
PA 6631*	Program Evaluation	3			

\* Nonprofit Management Concentration must take PA 6631 Program Evaluation

**CONCENTRATION:** (9 Semester Hours)  Government Contracting  Justice Administration  National Security Affairs  
 Nonprofit Management  Public Health Administration  Public Human Resource Management  Public Management


**PA 6694 - INTERNSHIP:** (3 Semester Hours)  Required  Waived

3				
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**ITEMS TO BE DISCUSSED:**

- Conditional or Unconditional Admission
- Availability of faculty for academic advising
- Petition for transfer credit once unconditionally admitted
- Class attendance
- Drop and Withdrawal procedures; deadlines and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Curriculum coursework sequencing

**ADMISSION STATUS:**

TYPE	DATE	INITIALS
Conditional		
Unconditional		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN SOCIAL SCIENCE**  
 Graduate Degree Plan and Progress Record  
**30 / 36 Semester-Hour Program**

TROY Publication 384-263  
 Revised: 3/2014

Name:  Student ID#:  Campus:

Address:  Email:

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 8. Completion of research requirement 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     |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES** (9 Semester Hours)

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			
		3			
		3			

**THESIS OPTION ADDITIONAL REQUIRED COURSES:** (6 Semester Hours)

SS 6693	Thesis Practicum	3			
SS 6695	Thesis	3			

**ELECTIVES:** (21-27 Semester Hours)


**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Test Scores		

2014-2015

TROY University 384-264  
Created 3/2014

**TROY UNIVERSITY**  
**GRADUATE CERTIFICATE IN BIOMEDICAL SCIENCES**  
 Certificate Plan and Progress Record  
 Certificate Verification  
**22 Semester-Hours**

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

**DEGREE REQUIREMENTS:**

1. Admitted to the MS BMS program
2. Official transcript of all academic work
3. Unconditional Admission
4. 22 Semester hours of 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

**REQUIRED COURSES:** (22 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
BMS 6615	Medical Microbiology and Immunology	3			
BMS L615	Medical Microbiology and Immunology Lab	1			
BMS 6620	Neuroscience	3			
BMS 6625	Medical Cell Biology	3			
BMS L625	Medical Cell Biology Lab	1			
BMS 6635	Medical Physiology	3			
BMS 6640	Anatomical Sciences	8			

**ITEMS TO BE DISCUSSED:**

- Conditional or Unconditional Admission
- Availability of faculty for academic advising
- Petition for transfer credit once unconditionally admitted (3 SH maximum)
- Class attendance
- Drop and Withdrawal procedures; deadlines and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation

**ADMISSION STATUS:**

TYPE	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

TROY Publication 384-266  
Revised 3/2014

**TROY UNIVERSITY**  
**GRADUATE CERTIFICATE IN GOVERNMENT CONTRACTING**  
Certificate Plan and Progress Record  
Certificate Verification  
**12 Semester-Hours**

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

**DEGREE REQUIREMENTS:**

1. Admitted to the MPA program
2. Official transcript of all academic work
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 credit earned within 8 years of graduation

**REQUIRED CERTIFICATE COURSES:** (12 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PA 6645	Managing Government Contracts	3			
PA 6647	Advanced Contract Administration	3			
PA 6648	Contract Negotiation	3			
PA 6649	Government Contract Law	3			

**ITEMS TO BE DISCUSSED:**

- Conditional or Unconditional Admission
- Availability of faculty for academic advising
- Petition for transfer credit once unconditionally admitted (3 SH maximum)
- Class attendance
- Drop and Withdrawal procedures; deadlines and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation

**ADMISSION STATUS:**

TYPE	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		



## SORRELL COLLEGE OF BUSINESS

The Sorrell College of Business supports the Troy University mission by preparing our diverse student body to become ethical professionals equipped to compete in the global business environment. To achieve this, our faculty, staff, and administration will: (1) provide quality education in global business through our graduate programs, delivered around the world through face-to-face and online environments, to traditional, non-traditional, military, and international students; (2) contribute to the development and application of knowledge focused on applied business, learning, and pedagogical research; and (3) provide service to the University, business and professional organizations, and our communities through individual involvement, business outreach, and our centers for research.

The vision of the Sorrell College of Business is to be a recognized and respected leader for quality and flexibility in the delivery of business education that prepares graduates to succeed in the global business environment.

The Sorrell College of Business offers Masters degrees in Accountancy, Business Administration, Human Resource Management, and Management, as well as the Certificate of Taxation and the Certificate of Health Practice Management. The table below summarizes the campuses authorized to award these degrees.

Degree Program	Dothan Campus	Montgomery Campus	Phenix City Campus	Troy Campus	eTROY	International
Master of Accountancy				X		
Master of Business Administration						
Option 1: General Management	X		X	X	X	
Option 2: International Management		X		X	X	X
Option 2: International Finance				X		
Option 2: International Information Systems				X		
Master of Business Administration—Executive						X
Master of Science in Human Resource Management		X			X	
Master of Science in Management					X	
Certificate of Taxation					X	
Certificate of Health Practice Management					X	

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location

### MASTER OF ACCOUNTANCY (M.Acc.)

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 Ph.D. 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 for the M.Acc

1. The undergraduate business course requirements to enter the M.Acc degree program ensure that students have acquired a common body of knowledge in business administration.
  - a. Candidates for admission to the M.Acc degree program must within eight years of enrolling in the M.Acc 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 M.Acc program, all courses or their equivalent in the following subject areas from a school holding regional accreditation.

tion\* 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.\*\*

- Principles of Management
- Principles of Marketing
- Managerial Finance
- Accounting (Principles of Financial and Managerial Accounting )
- Legal Environment
- Microeconomics
- Statistics
- Information Systems (Principles and strategic implications in addition to desktop applications)

\*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.*

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
Business Law Essentials	LAW 2221 Legal Environment of Business
Financial Accounting	ACT 2291 Principles of Accounting I
Managerial Accounting	ACT 2292 Principles of Accounting II
Information Systems	IS 3310 Global Electronic Business
Fundamentals of Economics	ECO 2252 Principles of Microeconomics
Principles of Management	MGT 3300 Principles of Management
Principles of Marketing	MKT 3300 Principles of Marketing

2. If the content of the M.Acc undergraduate business coursework 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.

*\*\*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 M.Acc foundation courses above, students entering the M.Acc 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 3391	3	Intermediate Accounting I
ACT 3392	3	Intermediate Accounting II
ACT 3394	3	Governmental Accounting
ACT 3396	3	Accounting Information Systems
ACT 4494	3	Income Tax Accounting I
ACT 4495	3	Income Tax Accounting II
ACT 4497	3	Auditing

In addition, M.Acc 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	3	Composition and Modern English II
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\*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 for the M.Acc.

#### **Unconditional Admission**

1. Students applying for admission must provide official transcripts from all universities attended.
2. Applicants who have completed a master’s or higher degree from a regionally accredited university may be admitted unconditionally. (No GMAT 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 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. Official graduate admission exam results of 500 or above on the GMAT admissions test must be on file

(except for applicants with a previous master's or higher degree; see #2 above). The GRE and MAT exams will not be accepted.

- A letter of recommendation is required with all applications for the M.Acc. program. The individual's potential for success in the M.Acc. 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:

- A score of 400 or better on the GMAT.
- A 3.0 GPA in all undergraduate work or at least a 3.0 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.

### Reapplication

Students not satisfying the GMAT test score requirement for conditional admission may retake and resubmit when the minimum score of 400 is achieved.

### Transfer Credit

A maximum of two courses (six semester hours) taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. Credit accepted for transfer into the business core, or to satisfy specified concentration courses, is limited to institutions holding ACBSP or AACSB specialized accreditation for their business programs. These courses must be comparable in catalog description, level, and content to Troy University courses and must be approved by the appropriate Troy University dean/department chair. 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 Semester Hours

The curriculum for the Master of Accountancy program consists of 30 semester hours. Of these 30 semester hours, 21 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 (21 Semester Hours)

ACT 6651 3 Accounting Systems and Control

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
TAX	6684	3	Federal Tax Research
LAW	6610	3	Legal Issues for Accountants

#### Electives (9 Semester Hours)

Select *three* courses from the following:

ACT	6650	3	Forensic Accounting & Fraud Examination
ACT	6655	3	Advanced Management Accounting
TAX	6685	3	Taxation of Individuals
TAX	6686	3	Estate and Gift Taxation
TAX	6688	3	Taxation of Corporations and Shareholders
TAX	6689	3	Taxation of Partnerships and Partners

#### Other courses as approved by advisor

*Note: Master of Accountancy Students may take no more than four classes online.*

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 M.Acc 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 M.Acc program.

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## GRADUATE CERTIFICATE OF TAXATION

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### Admissions Requirements

All certificate students must be admitted to the Graduate School and meet the Master of Business Administration (MBA) program admissions requirements in order to qualify for the Certificate. Contact the Director of the School of Accountancy. See Graduate Admissions and Master of Business Administration Admission Requirements.

### Course Requirements

Students admitted to the Graduate School and who meet the Master of Business Administration (MBA) program admissions requirements may qualify for the Certificate of Taxation by completing the required courses and maintaining an overall 3.0 grade point average or better. The Graduate Certificate of Taxation requires 15 semester hours of coursework as described below:

#### Required Courses (12 Semester Hours):

TAX	6684	3	Federal Tax Research
TAX	6685	3	Taxation of Individuals
TAX	6688	3	Taxation of Corporations and Shareholders
TAX	6689	3	Taxation of Partnerships and Partners

#### Select *one* of the following (3 Semester Hours):

TAX	6686	3	Estate and Gift Taxation
TAX	6687	3	Tax Practice and Procedure
TAX	6690	3	State and Local Taxation

### Other Requirements

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

- Certification Intent
- Copy of student transcript

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## MASTER OF BUSINESS ADMINISTRATION (MBA)

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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 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 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 MBA degree is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

### Business Foundation Requirements for the MBA

1. The pre-requisite course requirements to enter the MBA degree program ensure that students have acquired a common body of knowledge in business administration:

a. Candidates for admission to the MBA degree program must within eight years of enrolling in the MBA 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 MBA program, all courses or their equivalent in the following subject areas from a school holding regional accreditation\* for its business degree program. These courses must be equivalent in content and quality, and completed at an equal or higher level to Troy University courses.\*\*

- Principles of Management
- Principles of Marketing
- Managerial Finance
- Accounting (principles of financial and managerial accounting)
- Legal Environment
- Microeconomics
- Statistics
- Information Systems (principles and strategic implications in addition to desktop applications)

\***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:** 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.

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
Business Law Essentials	LAW 2221 Legal Environment of Business
Financial Accounting	ACT 2291 Principles of Accounting I
Managerial Accounting	ACT 2292 Principles of Accounting II
Information Systems	IS 3310 Global Electronic Business
Fundamentals of Economics	ECO 2252 Principles of Microeconomics
Principles of Management	MGT 3300 Principles of Management
Principles of Marketing	MKT 3300 Principles of Marketing

2. If the content of the MBA undergraduate business coursework has been completed and the content is more than eight years old, the student may attempt to qualify for a waiver of these 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.

\*\*For select and predetermined student cohort groups only, the undergraduate foundation course requirement may in part or in full be waived by the Dean of the Sorrell College of Business.

\*\*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.

## Admission Requirements for the MBA

### Unconditional Admission

1. Students applying for admission must provide official transcripts from all universities attended.
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 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 on the last 30 semester hours.
5. 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 (except for applicants with a previous master's or higher degree; see #2 above).
6. 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

1. Students with a score of 499-400 on the GMAT or 1049-930 on the GRE (verbal and quantitative)/293-274 on the revised GRE (verbal and quantitative), and the overall 2.5 grade point average/3.0 GPA on the last 30 semester hours may be conditionally admitted to the MBA program.
2. 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.
3. After completing three graduate MBA 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.
4. A letter of recommendation is required with all applications for readmission to 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.

### No Admission

Students with an overall undergraduate GPA of less than 2.5/3.0 on the last 30 semester hours or a score of less than 400 on the GMAT or a score of less than 930 on the GRE (verbal and quantitative), or a score of less than 274 on the revised GRE (verbal and quantitative), will not be eligible for admission into the MBA program.

### Temporary Admission

Students will not be allowed to register for any 6000 level MBA course until temporary admission is cleared. The student will be allowed to take only the undergraduate pre-requisite business courses listed above.

### Transfer Credit

A maximum of two courses (six semester hours) taken at another regionally accredited institution, each with a "B" grade or better, may be applied toward the degree. This is not automatic or guaranteed. 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. These courses must be comparable in catalog description, level, and content to Troy University courses. If the course is not comparable to a Troy University MBA course then the transfer credit request will be denied.

Note that the capstone courses, for example, BUS 6611 Global Business Strategy and BUS 6607 Capstone Experience must be taken with Troy University and will not be accepted as transfer credit from another institution. Credit accepted for transfer into the MBA core or to satisfy specified concentration courses or electives is limited to institutions holding ACBSP or AACSB accreditation for their business programs or, for international students, by an institution granted license to offer business degrees in their country of origin by the appropriate government agency or ministry. 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.

### Core Curriculum (22 semester hours)

ECO 6655	3	Managerial Economics for the Global Manager
FIN 6631	3	Global Financial Management
ACT 6691	3	Financial and Managerial Accounting for the Global Manager
QM 6640	3	Data Analysis for Global Managers
MKT 6661	3	Global Strategic Marketing
MGT 6615	3	Ethical Leadership & Management in a Global Economy
BUS 6611	3	Global Business Strategy (capstone) <i>Pre-requisites include all core courses. A grade of B or better is required for this course.</i>

BUS 6607 1 Capstone Experience *Prerequisites include all core courses. Co-requisite with BUS 6611, Global Business Strategy. A grade of B or better is required for this course.*

### **MBA Options**

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

(1) MBA General Management Electives: Students may take nine hours of electives and focus on industry-specific coursework that aligns with their career interests, or

(2) MBA International Business: MBA International Business Concentrations: Students can complete a concentration in International Management, International Information Systems, or International Finance. Some program courses may only be offered online.

#### **Option 1: MBA General Management (31 SH)**

##### **Electives: (9 semester hours)**

Select any three graduate business courses (9 semester hours) as approved by the faculty advisor (excluding BUS 6600). Elective courses allow students to customize their MBA program.

#### **Option 2: MBA International Business (31-37 SH)**

##### **Select one concentration:**

##### **International Management (31 SH)**

BUS 6601	3	International Business Law
MGT 6670	3	Seminar in International Management (Research course: A grade of “B” or better is required)
HRM 6645	3	International Human Resource Management

##### **International Information Systems (37 SH)**

IS 6674	3	Information Systems in the Global Economy
IS 6675	3	Information Security and Assurance in a Global Economy
IS 6676	3	eCommerce for Global Business
IS 6678	3	International Information Technology Project Management
IS 6677	3	Leadership Series on Information Technology (Research course: A grade of “B” or better is required)

##### **International Finance (31 SH)**

ACT 6632	3	Corporate Financial Reporting
FIN 6657	3	Corporate Risk Management (Research course: A grade of “B” or better is required)
FIN 6632	3	Investments

### **Master of Business Administration (MBA)— Executive (Cohort Only Program) (36 semester hours)**

The MBA Executive degree offers three 36-semester-

hour options: General Management, Healthcare Management, and Information Systems. All options require nine core courses (27 semester hours) and three concentration courses (9 semester hours). The MBA Executive is only available as a cohort based delivery program as approved by the Dean of the Sorrell College of Business.

### **Business Foundation Requirement**

For select and predetermined student cohort groups only, the business foundation and experience requirements may in part or in full be waived or modified by the Dean of the Sorrell College of Business.

#### **Core Curriculum (27 semester hours)**

ACT 6691	3	Financial and Managerial Accounting for the Global Manager
EMBA 6611	3	Business Strategy (grade of “B” or better required)
EMBA 6631	3	Managerial Finance
EMBA 6661	3	Strategic Marketing Management
EMBA 6671	3	Organizational Behavior
EMBA 6674	3	Ethics in Business
EMBA 6640	3	Quantitative Analysis for Managers
OR		
EMBA 6641	3	Decision Theory
EMBA 6651	3	Managerial Economics
IS 6679	3	Management Information Systems

#### **Select ONE concentration**

##### **General Management**

EMBA 6603	3	Human Resource Management
EMBA 6625	3	Specialized Study in Business (with a Management focus)
EMBA 6673	3	Operations Management

##### **Healthcare Management**

EMBA 6603	3	Human Resource Management
EMBA 6625	3	Specialized Study in Business (with a Healthcare Management focus)
HSA 6680	3	Health Services Administration and Policy

##### **Information Systems**

IS 6672	3	Information Systems and Business Strategy
IS 6674	3	Information Systems in the Global Economy
IS 6676	3	eCommerce for Global Business

All courses offer three semester hours credit except IS 6625, 6626, and 6627 which can vary from one to three semester hours each.

All transfer credits must be processed through normal academic approval procedures. All authorizations for MBA stu-

dents to be a transient student at another institution must be approved before the course is attempted. And, 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.

There are no cross-listings with other Troy University graduate degree programs for this program. All transfer credits must go through normal academic approval procedures. All authorizations for EMBA 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 EMBA program.

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## **MASTER OF SCIENCE IN HUMAN RESOURCE MANAGEMENT (MSHRM)**

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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 management 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 Accreditation Council for Business Schools and Programs (ACBSP).

### **Business Foundation Prerequisite Requirement for the MSHRM Program**

Candidates for admission who have not earned an undergraduate business degree from a regionally accredited business school within eight years of enrolling in the MSHRM program 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 in the student’s first term.

### **Admission Requirements for the MSHRM**

#### **Unconditional Admission**

1. Students applying for admission must provide official transcripts from all universities attended.
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 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 on the last 30 semester hours.
5. 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.
 

*\*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.
6. 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.

#### **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. 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 regionally accredited institution, each with a “B” grade or better, may be applied toward the degree. This is not automatic or guaranteed.

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 ACBSP or AACSB accreditation 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 Requirements

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.

The MSHRM degree program is a non-research oriented master’s degree that requires an understanding of the accepted professional practices in the field of human resource management. This program provides students with the opportunity to gain an understanding of the subject matter that will enhance their career opportunities.

### **Business Foundation Prerequisite (3 semester hours)**

Candidates for admission who have not earned an undergraduate business degree from a regionally accredited business school within eight years of enrolling in the MSHRM program must take the prerequisite course for the MSHRM program, BUS 6600 Survey of Business Concepts, which must be taken in the student’s first term.

### Curriculum (30-33 SH)

#### **Required MSHRM Program (students without undergraduate business degrees within 8 years of enrolling) (33 semester hours)**

BUS 6600	3	Survey of Business Concepts (taken during the first term; a grade of “B” or better is required)
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*All Required MSHRM Program Courses below (30 semester hours)*

#### **Required MSHRM Program (students with undergraduate business degrees within 8 years of enrolling) (30 semester hours)**

HRM 6601	3	Legal Environment of Employment Decisions
HRM 6603	3	Human Resource Management
MGT 6615	3	Ethical Leadership & Management in a Global Economy
HRM 6622	3	Workforce Planning & Staffing
HRM 6623	3	Training & Development of Human Resources (designated research course) <i>A grade of “B” or better is required.</i>
HRM 6632	3	Compensation & Benefits
HRM 6635	3	Employee Relations & Safety
MGT 6681	3	Organization Development & Change
HRM 6645	3	International Human Resource Management
HRM 6698	3	Strategic Human Resource Management (capstone course taken during the last term) <i>A grade of “B” or better is required.</i>

All transfer credits must be processed through normal academic approval procedures. All authorizations for MSHRM stu-

dents to be a transient student at another institution must be approved before the course is attempted. And, 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.

## MASTER OF SCIENCE IN MANAGEMENT (MSM)

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 are emphasized to assist in developing the skills and abilities necessary to manage people, processes, and to lead teams.

The MSM program is designed specifically for undergraduate majors who desire a focus on leadership development. Applicants with a minor in business, a major in a non-business field, or an interest in the leadership concentration are encouraged to apply.

### Accreditation

The Troy University MSM degree is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

### Business Foundation Prerequisite Requirement for the MSM Program

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 for the MSM

#### **Unconditional Admission**

1. Students applying for admission must provide official transcripts from all universities attended.
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 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. 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.

\*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.

6. 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 graduate admission test score and grade point average requirements for unconditional admission may be conditionally admitted to the program. 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 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.

### Transfer Credit

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

Note that the capstone course MSM 6650 Leadership Role in 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 ACBSP or AACSB accreditation 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.

### 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.

### Business Foundation Prerequisite (3 semester hours)

All students must compete 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.

### Curriculum—30 Semester Hours

#### Required Core Courses (12 SH)

BUS 6600	3	Survey of Business Concepts (must be taken during the first term; "B" or better required)
MSM 6610	3	Theories of Organizational Behavior
MGT 6615	3	Ethical Leadership & Management in a Global Economy
MSM 6650	3	Leadership Role in Strategic Management (taken during the last term, assessment exams must be completed) <i>A grade of "B" or better is required.</i>

#### Required Leadership Program Courses (18 SH)

HRM 6603	3	Human Resource Management
MSM 6630	3	Management Information Systems for Leaders
MSM 6635	3	Leadership of Innovation and Change
MSM 6640	3	Foundations of Leadership and Motivation
MSM 6645	3	Total Quality Management
MSM 6655	3	Advanced Leadership

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. And, 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.

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## GRADUATE CERTIFICATE OF HEALTH PRACTICE MANAGEMENT

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The Graduate Certificate of Health Practice Management prepares the student with the underlying business knowledge and skills required to manage a contemporary health care practice/clinic enterprise. The curriculum addresses health care economics and financial management, reimbursement for services, law and health care policy, business case analysis, data base management, and small business practice management.

The Graduate Certificate of Health Practice Management consists of two semesters/four courses offered by Troy University's Sorrell College of Business and requires 12 semester hours for completion. Students will be accepted into the program only in the fall semester and can complete the program in two semesters (fall, spring). The program is offered totally online and is open to graduate students enrolled in any graduate business program, students with a completed M.S. in Nursing and students enrolled in the Doctor of Nursing Practice program. There is not a certification exam available with completion of this certificate.

### Admissions Requirements:

All certificate students must be admitted to the graduate

school. Please consult the Graduate Program Admission Classifications section for additional information.

### **Course Requirements**

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

BUS	6600	3	Survey of Business Concepts
HSA	6680	3	Health Services Administration and Policy
HSA	6681	3	Legal and Social Issues in Health Administration
HSA	6683	3	Healthcare Economics

### **Other Requirements**

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

- Certification Intent
- Copy of student transcript

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**TROY UNIVERSITY**  
**MASTER OF ACCOUNTANCY**  
 Graduate Degree Plan  
**30 Semester-Hour Program**

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

**DEGREE REQUIREMENTS:**

1. GMAT, or a CPA or CFP Master's degree
2. Official transcript of all academic work
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. All credit earned within 8 years of graduation
9. Completion of capstone with a grade of "B" or better
10. A grade of "B" or better on research requirement
11. Intent to Graduate filed

**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. A waiver of foundation courses may be attained by achieving a score of 149 or above on the ETS Major Field Test in Business or possessing an undergraduate degree in business administration or accounting.

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

Undergraduate Foundation courses. **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/YEAR	TRANSFER CREDIT
MGT 3300	Principles of Management	3			
MKT 3300	Principles of Marketing	3			
FIN 3331	Financial Management I	3			
ACT 2291	Principles of Accounting I	3			
ACT 2292	Principles of Accounting II	3			
LAW 2221	Legal Environment of Business	3			
ECO 2252	Principles of Microeconomics	3			
QM 2241	Business Statistics I	3			
IS 3310	Global Electronic Business	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 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 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:** (21 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	3			
TAX 6684	Federal Tax Research	3			
LAW 6610	Legal Issues for Accountants	3			

**ELECTIVE COURSES:** Select three of the courses below (9 Semester Hours)

ACT 6650	Forensic Accounting & Fraud Examination	3			
ACT 6655	Advanced Management Accounting	3			
TAX 6685	Taxation of Individuals	3			
TAX 6686	Estate and Gift Taxation	3			
TAX 6688	Taxation of Corporations and Shareholders	3			
TAX 6689	Taxation of Partnerships and Partners	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**MASTER OF BUSINESS ADMINISTRATION  
OPTION 1: GENERAL MANAGEMENT**

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Graduate Degree Plan

**31 Semester-Hour Program**

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 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 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. Intent to Graduate filed

**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. A waiver of foundation courses may be attained by achieving a score of 149 or above on the ETS Major Field Test in Business or possessing an undergraduate degree in business administration or accounting.

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

**Undergraduate Foundation courses.** To remain eligible for Federal Financial Aid, all undergraduate courses required 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/YEAR	TRANSFER CREDIT
MGT 3300	Principles of Management	3			
MKT 3300	Principles of Marketing	3			
FIN 3331	Financial Management I	3			
ACT 2291	Principles of Accounting I	3			
ACT 2292	Principles of Accounting II	3			
LAW 2221	Legal Environment	3			
ECO 2252	Principles of Microeconomics	3			
QM 2241	Business Statistics I	3			
IS 3310	Global Electronic Business	3			

**REQUIRED CORE COURSES** (22 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ACT 6691	Financial and Managerial Accounting for the Global Manager	3			
BUS 6611	Business Strategy*	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	3			
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
BUS 6607	Capstone Experience* (Co-requisite with BUS 6611)	1			

\* Capstone course - Taken during the last term/semester. Grade of "B" or better is required.

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**ELECTIVE COURSES** (9 Semester Hours): Must be approved by advisor


**ITEMS TO BE DISCUSSED:**

- 1. Conditional and Unconditional Admission
- 2. Availability of faculty for academic advising
- 3. Prerequisite foundation course requirement and waiver options
- 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:**

	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

## MASTER OF BUSINESS ADMINISTRATION OPTION 2: INTERNATIONAL BUSINESS

TROY Publication 384-269

Created: 3/2014

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Graduate Degree Plan

### 31-37 Semester-Hour Program

Name:  Student ID#:  Campus:

Address:  Email:

#### DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 31-37 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. Intent to Graduate filed

**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. A waiver of foundation courses may be attained by achieving a score of 149 or above on the ETS Major Field Test in Business or possessing an undergraduate degree in business administration or accounting.

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

**Undergraduate Foundation courses.** 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.

COURSE NO.	TITLE	HRS.	GRADE	TERM/YEAR	TRANSFER CREDIT
MGT 3300	Principles of Management	3			
MKT 3300	Principles of Marketing	3			
FIN 3331	Financial Management I	3			
ACT 2291	Principles of Accounting I	3			
ACT 2292	Principles of Accounting II	3			
LAW 2221	Legal Environment	3			
ECO 2252	Principles of Microeconomics	3			
QM 2241	Business Statistics I	3			
IS 3310	Global Electronic Business	3			

#### REQUIRED CORE COURSES (22 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6611	Global Business Strategy*	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	3			
BUS 6607	Capstone Experience* (Co-requisite with BUS 6611)	1			
ACT 6691	Financial and Managerial Accounting for the Global Manager	3			
MGT 6615	Ethical Leadership and Management in a Global Economy	3			

\* Capstone courses - Grade of "B" or better is required

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Master of Business Administration -  
International Business  
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**CONCENTRATION COURSES** (9 - 15 Semester Hours)

*International Management (9 sh)*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6601	International Business Law	3			
MGT 6670	Seminar in International Management	3			
HRM 6645	International Human Resource Management	3			

*International Finance (9 sh)*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
ACT 6632	Corporate Financial Reporting	3			
FIN 6657	Corporate Risk Management*	3			
FIN 6632	Investments	3			

*International Information Systems (15 sh)*

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
IS 6674	Information Systems in the Global Economy	3			
IS 6675	Information Security and Assurance in a Global Economy	3			
IS 6676	eCommerce for Global Business	3			
IS 6678	International Information Technology Project Management	3			
IS 6677	Leadership Series on Information Technology*	3			

\*Designated research course. Grade of "B" or better is required.

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 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:**

	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

TROY Publication 384-270  
Revised: 3/2014

**TROY UNIVERSITY**  
**MASTER OF BUSINESS ADMINISTRATION-EXECUTIVE**  
Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

Name:  Student ID#:  Campus:

Address:  Email:

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 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 credit                   | 10. Completion of capstone with a grade of "B" or better   |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES (27 Semester Hours)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YEAR	TRANSFER CREDIT
ACT 6691	Managerial Accounting	3			
EMBA 6611	Business Strategy (Capstone Course)	3			
EMBA 6631	Managerial Finance	3			
EMBA 6661	Strategic Marketing Management	3			
EMBA 6671	Organizational Behavior	3			
EMBA 6674	Ethics in Business	3			
EMBA 6640 or 6641	EMBA 6640 Quantitative Analysis for Managers <u>OR</u> EMBA 6641 Decision Theory	3			
EMBA 6651	Managerial Economics	3			
IS 6679	Management Information Systems	3			

**PROFESSIONAL CONCENTRATION:** (9 SH)       General Management    Healthcare Management    Information Systems

**GENERAL MANAGEMENT CONCENTRATION:** (9 SH)

EMBA 6603	Human Resource Management	3			
EMBA 6625	Specialized Study in Business (with a Management focus)	3			
EMBA 6673	Operations Management	3			

**HEALTHCARE MANAGEMENT CONCENTRATION:** (9 SH)

EMBA 6603	Human Resource Management	3			
EMBA 6625	Specialized Study in Business (with a Healthcare Management focus)	3			
EMBA 6680	Health Services Administration and Policy	3			

**INFORMATION SYSTEMS CONCENTRATION:** (9 SH)

IS 6672	Information Systems and Business Strategy	3			
IS 6674	Information Systems in the Global Economy	3			
IS 6676	eCommerce for Global Business	3			

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MBA-Executive  
 TROY Publication 384-270  
 Revised: 3/2014

**ITEMS TO BE DISCUSSED:**

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

**ADMISSION STATUS:**

	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN HUMAN RESOURCE MANAGEMENT**  
 Graduate Degree Plan  
**30-33 Semester-Hour Program**

TROY Publication 384-271  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                       | 9. All credit earned within 8 years of graduation          |
| 4. 30-33 Semester hours of credit                | 10. Completion of capstone with a grade of "B" or better   |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**FOUNDATION COURSE:** 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 regionally accredited institution. A waiver of foundation courses may be attained by achieving a score of 149 or above on the ETS Major Field Test in Business or possessing an undergraduate degree in Business. Approved options for completing the foundation coursework requirement are provided below:

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

BUS 6600	Survey of Business Concepts (grade of "B" or better required)	3			
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**REQUIRED CORE COURSES** (30 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6601	Legal Environment of Employment Decisions	3			
HRM 6603	Human Resource Management	3			
HRM 6622	Workplace Planning and Staffing	3			
HRM 6623	Training and Development of Human Resources (designated research course)*	3			
HRM 6632	Compensation and Benefits	3			
HRM 6635	Employee Relations and Safety	3			
MGT 6681	Organization Development and Change	3			
HRM 6698	Strategic Human Resource Management (A grade of B or better is required)	3			
MGT 6615	Ethical Leadership and Management in a Global Economy	3			
HRM 6645	International Human Resource Management	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
- 10. Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN MANAGEMENT**  
 Graduate Degree Plan  
**30 Semester-Hour Program**

TROY Publication 384-272  
 Revised 3/2014

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

**DEGREE REQUIREMENTS:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores admitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 30 Semester hours of credit</li> <li>5. Meet residency requirements</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Completion of capstone with a grade of "B" or better</li> <li>11. Intent to Graduate filed</li> </ol> |
|---|--|

**REQUIRED CORE COURSES (12 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts <i>(taken during first term/semester)*</i>	3			
MSM 6610	Theories of Organizational Behavior <i>(designated research course)*</i>	3			
MSM 6650	Leadership Role in Strategic Management <i>(taken during last term/semester)*</i>	3			
MGT 6615	Ethical Leadership and Management in a Global Economy	3			

\*Grade of "B" or better required

**CONCENTRATION COURSES: LEADERSHIP (18 sh)**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
HRM 6603	Human Resource Management	3			
MSM 6630	Management Information Systems for Leaders	3			
MSM 6635	Leadership of Innovation and Change	3			
MSM 6640	Foundations of Leadership and Motivation	3			
MSM 6645	Total Quality Management	3			
MSM 6655	Advanced Leadership	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
- 10. Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

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**TROY UNIVERSITY**  
**GRADUATE CERTIFICATE OF TAXATION**  
 Certificate Plan  
 Certificate Verification  
**15 Semester-Hour Certificate**

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

**CERTIFICATE REQUIREMENTS:**

1. GMAT, or a CPA or CFP Master's degree
2. Official transcript of all academic work
3. Admission requirements to the MBA program met
4. 15 Semester hours of 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

**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. A waiver of foundation courses may be attained by achieving a score of 149 or above on the ETS Major Field Test in Business or possessing an undergraduate degree in business administration or accounting.

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

Undergraduate Foundation courses. **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.**

COURSE NO.	TITLE	HRS.	GRADE	TERM/YEAR	TRANSFER CREDIT
MGT 3300	Principles of Management	3			
MKT 3300	Principles of Marketing	3			
FIN 3331	Financial Management I	3			
ACT 2291	Principles of Accounting I	3			
ACT 2292	Principles of Accounting II	3			
LAW 2221	Legal Environment	3			
ECO 2252	Microeconomics	3			
QM 2241	Business Statistics I	3			
IS 3310	Global Electronic Business	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 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 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			

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## Certificate of Taxation

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**REQUIRED CERTIFICATE COURSES:** (12 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
TAX 6684	Federal Tax Research	3			
TAX 6685	Taxation of Individuals	3			
TAX 6688	Taxation of Corporations and Shareholders	3			
TAX 6689	Taxation of Partnerships and Partners	3			

**ELECTIVE COURSE:** Choose one course (3 Semester Hours)

TAX 6686	Estate and Gift Taxation	3			
TAX 6687	Tax Practice and Procedure	3			
TAX 6690	State and Local Taxation	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**GRADUATE CERTIFICATE OF HEALTH PRACTICE MANAGEMENT**  
 Certificate Plan and Progress Record  
 12 Semester Hour Certificate

TROY Publications 384-274  
 Created 4/2014

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

**CERTIFICATE REQUIREMENTS:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. Official transcript of all academic work</li> <li>2. Unconditional Admission</li> <li>3. 12 Semester hours of credit</li> <li>4. Meet residency requirements</li> </ul> | <ul style="list-style-type: none"> <li>5. No more than 6 semester hours below "B"</li> <li>6. Overall GPA of 3.0</li> <li>7. All credit earned within 5 years of graduation</li> <li>8. Intent to Graduate filed</li> </ul> |
|---|---|

**REQUIRED COURSES: (12 sh)**

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
BUS 6600	Survey of Business Concepts	3			
HSA 6680	Health Services Administration and Policy	3			
HSA 6681	Legal and Social Issues in Health Administration	3			
HSA 6683	Healthcare Economics	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 2. Temporary, Conditional, 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 & consequences
- 7. Petition for Incomplete grade
- 8. Student participation in course and program evaluation
- 9. Other

Admission Status:	Date	Initials
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		



# COLLEGE OF COMMUNICATION AND FINE ARTS

*The mission of the College of Communication and Fine Arts is to provide excellence in instruction in selected communication, foreign language, and fine arts disciplines along with practical experiences in journalism, mass communication, music, speech communication, classics, modern languages, theatre, visual arts and design.*

*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 mission of the college includes the creation of a climate within and beyond its institutional boundaries that en-*

*courages responsible, ethical, and informed expression within the disciplines of which it is composed.*

*Troy University's College of Communication and Fine Arts is a primary provider of cultural events benefiting the citizens of Troy, Alabama and the 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). In addition, the college offers a variety of symposia and workshops and an annual fine arts season subscription.*

*As part of ongoing planning and evaluation, the College of Communication and Fine Arts regularly evaluates student learning outcomes for each degree program.*

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	eTROY
Strategic Communication					X

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

## MASTER OF SCIENCE IN STRATEGIC COMMUNICATION

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 multi-media 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

#### Unconditional Admission

1. 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.

AND

2. Have an acceptable score on the appropriate entrance exam [GRE 290 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380]. Official test score required.

AND

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.

**AND**

4. Provide an official baccalaureate transcript from a regionally accredited college or university.

**Conditional Admission**

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements.

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.

**Baccalaureate Degree Holders**

Students who have earned a baccalaureate degree from a regionally accredited 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 number of nine semester hours. Students admitted under conditional status may, with the consent of their academic adviser, enroll in as many as nine semester hours during their first semester.

**Transfer Credit**

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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 the Hall School of Journalism and Communication's graduate faculty.

**Degree Requirements**

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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 course taken in its place. A "B" or better must be earned in the capstone course, COM 6699, and the research course, COM 6691.

*Coursework: (30 Semester Hours)*

COM 6600	3	Communication and Influence
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 & Emerging Media
COM 6635	3	Strategic Organizational Communication
COM 6691	3	Strategic Communication Inquiry & Research
COM 6699	3	Strategic Communication Capstone
JRN 6615	3	Public Relations and Strategic Communication
JRN 6640	3	Communication Law and Ethics

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE IN STRATEGIC COMMUNICATION**  
 Graduate Degree Plan and Progress Record  
**30 Semester-Hour Program**

TROY Publication 384-254  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                       | 9. All credit earned within 8 years of graduation          |
| 4. 30 Semester hours of credit                   | 10. Completion of Capstone course with a "B" or better     |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES** (30 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
COM 6600	Communication and Influence	3			
COM 6605	Strategic Communication Theories	3			
COM 6610	Leadership and Media Strategies	3			
COM 6620	Contemporary Issues in Strategic Communication	3			
COM 6630	Strategic Communication & Emerging Media	3			
COM 6635	Strategic Organizational Communication	3			
COM 6691	Strategic Communication Inquiry & Research	3			
COM 6699	Strategic Communication Capstone	3			
JRN 6615	Public Relations and Strategic Communication	3			
JRN 6640	Communication Law and Ethics	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Test Scores		



# COLLEGE OF EDUCATION

The College of Education 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, NCATE, 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 graduate programs is to develop innovative, informed, reflective decision makers.

<b>TEACHER CERTIFICATION PROGRAMS</b>								
<b>Approved by the Alabama State Department of Education</b>								
Master of Science in Education (M.S. Ed.)	Semester Hours		Alabama Campuses				Global Campus*	eTROY
	Trad	Alt A	Dothan	Montgomery	Phenix City	Troy		
<b>Early Childhood Education (P-3)</b>	36 <sup>^</sup>	45	X		X			X <sup>^</sup>
<b>Elementary Education (K-6)</b>	36 <sup>^</sup>	45	X	X	X	X	X	X <sup>^</sup>
<b>Collaborative Teacher (K-6)</b>	36 <sup>^^</sup>	45	X <sup>^^</sup>			X <sup>^^</sup>		
<b>Collaborative Teacher (6-12)</b>	36 <sup>^^</sup>	45	X <sup>^^</sup>			X <sup>^^</sup>		
<b>Secondary Education (6-12)</b>								
Biology	36	45	X			X		
History	36	45	X			X		
English/Language Arts	36	45	X			X		
General Science	36	45	X			X		
Mathematics	36	45	X			X		
Social Science	36	45	X			X		
<b>Interdisciplinary Programs (P-12)</b>								
Art	36	45				X		
Gifted Education	36 <sup>^^</sup>	---	X <sup>^^</sup>					
Music Instrumental	36	45				X		
Music Vocal/Choral	36	45				X		
Physical Education	36	45				X		
<b>Instructional Support Programs (P-12)</b>								
Instructional Leadership & Administration	36	---	X		X			
School Counseling	48	---	X	X	X	X		
School Psychometry	36	---	X	X				
Education Specialist (Ed.S.)	Trad	Alt A	Dothan	Montgomery	Phenix City	Troy	Global Campus	eTROY
<b>Early Childhood Education (P-3)</b>	36	---	X		X			X
<b>Elementary Education (K-6)</b>	36	---	X		X			X
<b>Instructional Support Programs (P-12)</b>								
Instructional Leadership & Administration	30		X <sup>^^</sup>		X			X
School Counseling	36	---	X	X	X			
School Psychology	33-36 <sup>^^</sup>	---	X <sup>^^</sup>					
Teacher Leader	30 <sup>^^</sup>		X <sup>^^</sup>		X <sup>^^</sup>			X

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

<sup>^</sup>Traditional program offered online through Global Campus

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

NON-CERTIFICATION PROGRAMS*							
Master of Science (M.S.)	Hours	Alabama Campuses				Global Campus*	eTROY
		Dothan	Montgomery	Phenix City	Troy		
<b>Adult Education</b>							
Curriculum and Instructional Design	33/36	X	X				X
Instructional Technology	33/36	X			X		X
Leadership Studies	33/36	X			X		X
Second Language Instruction	31/33				X		X
<b>Education Specialist (Ed.S.)</b>							
Community Counseling	30		X				

COUNSELING AND PSYCHOLOGY PROGRAMS*							
Program Specialty	Hours	Alabama Campuses				Global Campus*	
		Dothan	Montgomery	Phenix City	Troy		
Clinical Mental Health Counseling	60	X	X	X	X	X	
Rehabilitation Counseling	48	X	X	X	X		
School Counseling (M.S. Ed.)	48	X	X	X	X		
School Psychometry (M.S. Ed.)	36	X	X				
General Counseling (non-licensure; non-certification program)	36		X			X	
Student Affairs Counseling	48				X		
Substance Abuse Counseling	48		X				
Addictions Counseling Certificate	15	X	X	X		X	
Clinical Mental Health Counseling Certificate	15	X	X	X	X		

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

### Accreditation

- Council for Accreditation of Counseling and Related Educational Programs (CACREP)**

The Master of Science in Counseling and Psychology degree programs in Community Counseling and Clinical Mental Health Counseling offered at the Phenix City campus are accredited by CACREP. The Master of Science in Counseling and Psychology degree program in Community Counseling offered at the Dothan and Montgomery campuses are accredited by CACREP. The Master of Science in Counseling and Psychology degree programs in Clinical Mental Health Counseling offered at Pensacola, Panama City, Orlando, Tampa, Ft. Walton, FL, and Troy are accredited by CACREP. The Master of Science in Education degree programs in School Counseling offered at the Dothan, Montgomery, Phenix City, and Troy campuses are accredited by CACREP.

- Council on Rehabilitation Education (CORE)**

The Master of Science degree programs in Rehabilitation Counseling offered at the Dothan, Montgomery, Phenix City and Troy campuses are accredited by CORE. The CORE accreditation includes all campuses under one accreditation.

- Council for the Accreditation of Educator Preparation (CAEP)**

The Teacher Education Unit at the Troy, Dothan, Montgomery, and Phenix City campuses is 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 (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:

- a grade point average of 3.0 on all graduate 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.
- 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.

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**

Effective no later than the beginning of the fall 2008 semester, any candidate applying for admission to a State-approved program shall be required to be fingerprinted for a criminal history background 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. They are teaching or have employment in field and levels of the awarded certificate;
2. They receive less than the required minimum score of 18 on the Alabama Professional Education Personnel Evaluation Program (PEPE) or less than the minimum score on other evaluations appropriate for other school personnel;
3. Remediation is requested within two years of the valid date of the Professional Educator certificate, which was 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.

TEACHER CERTIFICATION PROGRAMS								
Approved by the Alabama State Department of Education								
	Semester Hours		Alabama Campuses					
Master of Science in Education (M.S. Ed.)	Trad	Alt A	Dothan	Montgomery	Phenix City	Troy	Global Campus*	eTROY
<b>Early Childhood Education (P-3)</b>	36^	45	X		X			X^
<b>Elementary Education (K-6)</b>	36^	45	X	X	X	X	X	X^
<b>Collaborative Teacher (K-6)</b>	36^^	45	X^^			X^^		
<b>Collaborative Teacher (6-12)</b>	36^^	45	X^^			X^^		
<b>Secondary Education (6-12)</b>								
Biology	36	45	X			X		
History	36	45	X			X		
English/Language Arts	36	45	X			X		
General Science	36	45	X			X		
Mathematics	36	45	X			X		
Social Science	36	45	X			X		
<b>Interdisciplinary Programs (P-12)</b>								
Art	36	45				X		
Gifted Education	36^^	---	X^^					
Music Instrumental	36	45				X		
Music Vocal/Choral	36	45				X		
Physical Education	36	45				X		
<b>Instructional Support Programs (P-12)</b>								
Instructional Leadership & Administration	36	---	X		X			
School Counseling	48	---	X	X	X	X		
School Psychometry	36	---	X	X				
<b>Education Specialist (Ed.S.)</b>	Trad	Alt A	Dothan	Montgomery	Phenix City	Troy	Global Campus	eTROY
<b>Early Childhood Education (P-3)</b>	36	---	X		X			X
<b>Elementary Education (K-6)</b>	36	---	X		X			X
<b>Instructional Support Programs (P-12)</b>								
Instructional Leadership & Administration	30		X^^		X			X
School Counseling	36	---	X	X	X			
School Psychology	33-36^^	---	X^^					
Teacher Leader	30^^		X^^		X^^			X

\* Please refer to <http://admissions.troy.edu/> 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.

# MASTER OF SCIENCE IN EDUCATION (M.S.Ed.)

## TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAMS FOR TEACHERS

### 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, School Counseling, and School Psychometry.

### 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 professional baccalaureate-level certification in the teaching field in which the Class A certification is sought except in Collaborative Teacher K-6, Collaborative Teacher 6-12, and Gifted Education. 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. Submission of proof of baccalaureate level professional education certification.
2. Successful completion and submission of an essay on the Candidate's teaching philosophy.

Candidates must clear university requirements for admission and the College of Education admission requirements listed above prior to enrolling in any graduate work.

Troy Global Campus students must meet all specialized accreditation requirements to be classified as graduates of specialized

accredited programs (CACREP).

## Required Courses 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 for Inclusion
EDU	6653	3	Educational Evaluation (or approved Evaluation course in the teaching field)
EDU	6691	3	Research Methodology*
			OR
EDU	XXX	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.*

### EARLY CHILDHOOD EDUCATION (ECE) 36 sh (Grades P-3)

Location: Dothan, eTROY, Phenix City

**Required Core Courses: (18 sh)**

**Teaching Field Courses: (18 sh)**

Select 12 semester hours of adviser-approved ECE courses.

Select six 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. At least nine semester hours of teaching field courses must be at the 6000 level.

### ELEMENTARY EDUCATION (ELE) 36 sh (Grades K-6)

Locations: Brunswick, Dothan, eTROY, Montgomery, Phenix City, and Troy

**Required Core Courses: (18 sh)**

**Teaching Field Courses: (18 sh)**

Select 12 semester hours of adviser-approved ELE courses.

Select six additional hours of adviser-approved ELE courses or other adviser approved courses related to the profession (e.g., EDU, ECE, SPE, RED).

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.

### COLLABORATIVE TEACHER 36 sh (Grades K-6)

Locations: Dothan, Troy

#### Additional Admission Information for Collaborative Teacher:

Candidates holding professional baccalaureate-level certification in any teaching field may be admitted to the traditional master's program in Collaborative Teacher provided all other admissions criteria are met. A candidate's prior coursework will be evaluated by the College of Education to determine if undergraduate prerequisite coursework is required. All prerequisites must be satisfied prior to unconditional admission.

**Required Core Courses: (15 sh)**

EDU	6629	3	The Master Teacher*
SPE	6610	3	Research Trends and Issues in Special Education*
SPE	6630	3	Collaboration for Inclusion

SPE	6632	3	Assessment and Individual Programming
SPE	6635	3	Meeting Instructional Needs Through Technology, or approved technology course

\*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 or graduate level.*

**Select ONE: (3 sh)**

PSY	6631	3	Psychological Foundations of Education*
EDU	6645	3	Nature of Intelligence*

\*Must earn a grade of "B" or better.

**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

*Select ONE: (3 sh)*

SPE	6694	3	Collaborative Teacher K-6 Practicum
SPE	6699	3	Collaborative Teacher K-6 Initial Practicum (Required for initial certification in Collaborative Teacher K-6.)
SPE	6697	3	Field Based Research Project

**Select ONE: (3 sh)**

RED	6670	3	Advanced Study of Literacy*
XXX		3	Adviser-Approved Elective

\* Required if not ECE, ELE, or Reading Specialist certified

**COLLABORATIVE TEACHER 36 sh  
(Grades 6-12)**

**Locations: Dothan, Troy**

**Additional Admission Information for Collaborative Teacher:**

Candidates holding professional baccalaureate-level certification in any teaching field may be admitted to the traditional master's program in Collaborative Teacher 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: (15sh)**

EDU	6629	3	The Master Teacher*
SPE	6610	3	Research Trends and Issues in Special Education*
SPE	6630	3	Collaboration for Inclusion
SPE	6632	3	Assessment and Individual Programming
SPE	6635	3	Meeting Instructional Needs Through Technology, or approved technology course

\*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.*

**Select ONE of the following: (3 sh)**

PSY	6631	3	Psychological Foundations of Education*
EDU	6645	3	Nature of Intelligence*

\*Must earn a grade of "B" or better.

*Select ONE of the following: (3 sh)*

RED	6670	3	Advanced Study of Literacy*
XXX	XXXX	3	Adviser Approved Elective

\*Required if not ECE, ELE, or Reading Specialists certified.

**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

*Select ONE of the following: (3 sh)*

SPE	6695	3	Collaborative Teacher Practicum (6-12)
SPE	6698	3	Collaborative Teacher Initial Practicum <i>Required For Initial Certification (6-12)</i>
SPE	6697	3	Field Based Research Project

**SECONDARY EDUCATION 36 sh  
(Grades 6-12)**

**Location: Dothan, Troy**

**Required Core Courses: (18 sh)**

**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, general science, 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, general science, 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 36 sh  
(Grades P-12)**

**Location: Troy**

**Required Core Courses: (18 sh)**

**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. 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.

The purpose of the graduate professional educator certification program in the School of Music is to provide advanced, specialized music education experiences that will assist graduate students in developing the musical skills, knowledge, and attitudes needed to begin/continue a viable career as a professional music educator. The School of Music works in collaboration with the College of Education to provide educational experiences for advanced music students with traditional music certification and for advanced music students pursuing alternative music teacher certification in Alabama, and supports the University NCATE conceptual framework to develop innovative, informed, reflective decision makers.

**GIFTED EDUCATION 36 sh****(Grades P-12)****Location: Dothan****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	3	The Master Teacher*
EDU 6611	3	Educational Technology in the Curriculum
SPE 6630	3	Collaboration for Inclusion
EDU 6600	3	Classroom Management and Behavior Intervention

**Select One Sequence (2 courses): (6 sh)**

EDU 6653	3	Educational Evaluation
EDU 6691	3	Research Methodology*

OR

EDU 6698	3	Introduction to Research*
EDU 6699	3	Research in Practice

\*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.*

**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

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## MASTER OF SCIENCE IN EDUCATION (M.S.Ed.)

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### TRADITIONAL FIFTH-YEAR CERTIFICATION PROGRAM IN INSTRUCTIONAL SUPPORT AREAS

**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 & Administration, School Counseling, and School Psychometry.

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 (NCATE, CACREP).

**INSTRUCTIONAL LEADERSHIP 36 sh****& ADMINISTRATION****(Grades P-12)****Locations: Dothan, Phenix City****Additional Admission Requirements for Traditional Fifth-Year Certification Program in Instructional Leadership & Administration****Graduate Teacher Education Program (GTEP)**

All candidates must be unconditionally admitted to the university.

Applicants Must:

1. Hold a baccalaureate-level 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 of 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 letterheads stationary. (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 or/and student achievement.
  - Summary of candidate's reasons for pursuing a master's degree in Instructional Leadership & Administration.
  - Summary of candidate's expectations from the preparation program.
  - Supplemental Competency Form (Form 125.14)
  - Curriculum Vitae
4. Pass an interview conducted by the Program Admission Committee.
5. Pass a written assessment.

**Required Professional Core Courses: (27 sh)**

ILA 6603	3	Tools for Managing Educational Resources
ILA 6611	3	Community Relationships
ILA 6613	3	Legal Dimensions of Education
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 6691	3	Research Methods (must earn a "B" or better)
ILA 6692	3	Using Data to Make Decisions

**Select ONE of the following: (3 sh)**

ILA 6607	3	Readings in Leadership
ILA 6609	3	Communication and Problem Solving
ILA 6610	3	Grant Writing
ILA 6625	3	Specialized Topics in Instructional Leadership
ILA 6640	3	Building & Maintaining Collaborative Learning Environments

**Internship: (6 sh)**

ILA 6662	2	Orientation in Instructional Leadership and Administration
ILA 6663	2	Practicum I
ILA 6664	2	Practicum II

*Note: In addition to the required core, a survey course in special education is required unless previously completed at the*

*undergraduate and graduate level.*

### **SCHOOL COUNSELING 48 sh**

**Locations: Dothan, Montgomery, Phenix City, Troy**

*Additional admissions requirements, curriculum, and program completion expectations are listed in the Counseling and Psychology section.*

### **SCHOOL PSYCHOMETRY 36 sh**

**Locations: Dothan, Montgomery**

*Additional admissions requirements, curriculum, and program completion expectations are listed in the Counseling and Psychology section.*

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## **MASTER OF SCIENCE IN EDUCATION (M.S.Ed.)**

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### **ALTERNATIVE FIFTH-YEAR CERTIFICATION PROGRAM FOR TEACHERS**

#### **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 2000. 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 (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.

#### **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 or higher from a regionally accredited institution with a posted minimum cumulative/overall graduating grade point average of 2.5 on the official baccalaureate 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.)

#### **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 status to the Graduate School will be determined by the transcript(s) evaluation. Individuals who have more than six (6) hours of prerequisites 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 Teacher Education Program.

#### **Admission Requirements to the Teacher Education Program (TEP)**

Admission to the Graduate School does not automatically qualify a student for admission to the Teacher Education Program. Written application to the 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 2.5 on the baccalaureate transcript.
4. A minimum of 2.75 grade point average on (post baccalaureate) prerequisite coursework.
5. A passing score on the Alabama Educator Certification Testing Program (AECTP). (Music students must also receive a passing score on the Basic Music Skills Test.)
6. A passing score on the Troy University College of Education Math Module exam.
7. Successful completion of a speech and interview.
8. Completion of a minimum of 12 clock hours of classroom observation/participation.
9. Successful completion of an impromptu essay.

Students working to complete pre-admission requirements for the 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 Teacher Education Program can also be obtained through the Teacher Education Office on the respective campus.

In addition to the discipline specific pre-requisites, individuals must also complete the Professional Studies prerequisite coursework. The following is a list of required Professional Studies coursework:

#### **EARLY CHILDHOOD MAJORS:**

- a. 12 semester hours in each of the following areas: mathematics, science, English/language arts, and social science courses
- b. EDU 3310-Professional Educator
- c. ECE 33XX-Portrait of a Learner
- d. SPE 3340-Diverse Learners
- e. PSY 3303-Educational Psychology
- f. RED 3380-Children's Literature
- g. RED 4481-Language and Literacy

**ELEMENTARY MAJORS:**

- a. 12 semester hours in each of the following areas: mathematics, science, English/language arts, and social science courses
- b. EDU 3310-Professional Educator
- c. SPE 3340-Diverse Learners
- d. EDU 4400-Classroom Management
- e. ELE 3362-Teaching Math in the K-6 Classroom
- f. RED 4481-Language and Literacy I
- g. RED 4482-Language and Literacy II

**SECONDARY (6-12)/INTERDISCIPLINARY (P-12) MAJORS:**

- a. 32 semester hours in Teaching Field with 19 of those hours in upper-division courses
- b. EDU 3310-Professional Educator
- c. SPE 3340-Diverse Learners
- d. XXX 4481-Methods and Materials
- e. PSY 3346-Educational Assessment
- f. SED 4400-Classroom Management
- g. PSY 3303-Educational Psychology

**COLLABORATIVE TEACHER (K-6) MAJORS:**

- a. 12 semester hours in each of the following areas: mathematics, science, English/language arts, and social science courses
- b. EDU 3310-Professional Educator
- b. SPE 3340-Diverse Learners
- c. SPE 4400-Classroom Management
- d. SPE 3346-Assessment in Special Education
- e. RED 4482-Language & Literacy II (Grades 4-6)

**COLLABORATIVE TEACHER (6-12) MAJORS:**

- a. 12 semester hours in each of the following areas: mathematics, science, English/language arts, and social science courses
- b. EDU 3310-Professional Educator
- b. SPE 3340-Diverse Learners
- c. SPE 4400-Classroom Management
- d. SPE 3346-Assessment in Special Education
- e. RED 4484-Language & Literacy IV

*Note: Students are encouraged to take EDU 3310 Professional Educator and SPE 3340 Diverse Learners, as early as possible.*

Once all of the above prerequisite requirements are met, the individual will be considered for admission into the Master of Science Alternative Fifth-Year certification program.

Candidates may take only six semester hours of graduate coursework prior to admission to TEP.

**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 Teacher Education Program
2. A grade point average (GPA) of 3.0 overall on all graduate work attempted
3. Two recommendations from faculty
4. Completion of all coursework except for Internship Seminar, which is taken in conjunction with internship

5. Completion and verification of a minimum of 150 contact hours of clinical experiences. Ninety of these 150 hours must be in increments of at least three hours each. The majority of field experiences must occur in a P-12 setting. At least half of the field experiences shall be in the candidate's teaching field and shall emphasize the application of content knowledge.
6. Evidence of current First Aid and CPR certifications
7. Passing score on all three sections of the Alabama Educator Certification Testing Program (AECTP): Applied Mathematics, Reading for Information, and Writing
8. A received (by the Alabama State Department of Education) passing Praxis II score in each teaching field area of initial certification.
9. Successful completion of comprehensive exam in the teaching field(s)
10. Evidence of current professional liability coverage of \$1,000,000 minimum.
11. Completion of any additional requirements mandated by the Alabama State Department of Education.

**Courses for the Alternative Fifth-Year Program*****Required Core Courses: (18 sh)***

EDU 6603	3	Planning for the Classroom
PSY 6631	3	Psychological Foundations of Education*
SPE 6630	3	Collaboration for Inclusion
EDU 6691	3	Research Methodology (or approved research course in the discipline)*
EDU 6653	3	Educational Evaluation (or approved evaluation course in the discipline)
EDU 6611	3	Educational Technology in the Curriculum
OR		
EDU XXX	3	Adviser Approved technology course in the discipline

\*Must earn a grade of "B" or better.

***Select the Appropriate Reading Course: (3 sh)***

RED 6630	3	Directed Reading Practicum (Secondary and P-12)
RED 6670	3	Advanced Study of Literacy (Elementary)
RED 6678	3	Literacy and Multicultural Diversity (Early Childhood)

***Select the Appropriate Internship: (6 sh)***

ECE 6674	6	Early Childhood Internship Grades P-3
ELE 6674	6	Elementary Internship Grades K-6
IED 6655	6	Interdisciplinary Internship Grades P-12
SED 6695	6	Secondary Internship Grades 6-12
SPE 6654	6	Collaborative Internship 6-12
SPE 6655	6	Collaborative Internship K-6

***Select the Appropriate Internship Seminar: (3 sh)***

(Co-requisite for internship. Prefix should be consistent with internship.):

___ 5544	3	Internship Seminar
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**EARLY CHILDHOOD EDUCATION****45 sh****(Grades P-3)****Location: Dothan****Required Courses: (30 sh)****Teaching Field: (12 sh)**

ECE 6618	3	Designing Prosocial Learning Environments
ECE 6628	3	Inquiries into Literacy Acquisition

ECE	6632	3	Authentic Assessment in the ECE Classroom
ECE	6634	3	Inquiries into Logico-Mathematical Knowledge
<i>Select one course from the following: (3 sh)</i>			
ECE	6620	3	Inquiries into Physical Knowledge
ECE	6622	3	Parents as Partners in Education
ECE	6630	3	Inquiries into Representation
ECE	6633	3	Integrated Thematic Curriculum
ECE	6640	3	Integrating Children's Literature
SPE	6631	3	Legal Issues in Special Education

#### **ELEMENTARY EDUCATION (Grades K-6) 45 sh**

**Location: Dothan, Phenix City, Troy**

**Required Core Courses: (30 sh)**

**Teaching Field: (15 sh)**

Select 15 semester hours of adviser-approved ELE courses. 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.

#### **COLLABORATIVE TEACHER (Grade K-6) 45 sh**

**Location: Troy, Dothan**

**Required Core Courses: (21 sh)**

EDU	6603	3	Planning for the Classroom
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
SPE	6632	3	Assessment and Individual Programming
RED	6670	3	Advanced Study of Literacy

\*Must earn a grade of "B" or better.

**Teaching Field: (15 sh)**

SPE	6630	3	Collaboration for Inclusion
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/Social Needs
RED	6675	3	Literacy Instruction for Diverse Populations

**Internship & Internship Seminar: (9 sh)**

SPE	5544	3	Internship Seminar
SPE	6655	6	Collaborative Internship K-6

**Survey of Special Education Coursework** (Required if not previously completed)

#### **COLLABORATIVE TEACHER (Grade 6-12) 45 sh**

**Location: Troy, Dothan**

**Required Core Courses: (21 sh)**

PSY	6631	3	Psychological Foundations of Education*
EDU	6603	3	Planning for the Classroom
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

SPE	6632	3	Assessment and Individual Programming
RED	6630	3	Directed Reading Practicum

\*Must earn a grade of "B" or better.

**Teaching Field: (15 sh)**

SPE	6630	3	Collaboration for Inclusion
SPE	6609	3	Content Enhancement
SPE	6620	3	Service Delivery Models for Multiple Disabilities
SPE	6616	3	Teaching Students with Emotional/Social Needs
RED	6674	3	Literacy in the Content Area Grades 6-12

**Internship & Internship Seminar: (9 sh)**

SPE	5544	3	Internship Seminar
SPE	6654	6	Collaborative Internship 6-12

**Survey of Special Education Coursework** (Required if not previously completed)

#### **SECONDARY EDUCATION (Grades 6-12) 45 sh**

**Location: Dothan, Troy**

*Alternative Fifth-Year certification programs are offered in the following secondary (grades 6-12) areas: Biology, History, English/Language Arts, Mathematics, General Social Science and General Science.*

**Required Core Courses: (30 sh)**

**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.

For certification recommendation in **General Science** an applicant must have earned credit in two of the following areas: biology, chemistry, earth and space science, and physics.

#### **INTERDISCIPLINARY EDUCATION (Grades P-12) 45 sh**

**Location: Troy**

*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: (30 sh)**

**Teaching Field: (15 sh)**

For art, students should select 12 semester hours of adviser approved courses in art, and ART 6622 (3) Seminar in Art Education.

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.

# EDUCATION SPECIALIST CERTIFICATION PROGRAM (Ed.S.)

## SIXTH-YEAR CERTIFICATION PROGRAM FOR TEACHERS

### Purpose

The purpose of the Education Specialist (Ed.S.) certification programs in teaching is to extend the expertise and further development of 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 Ed.S. 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 (NCATE). 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. Both the Ed.S. in Early Childhood Education and Elementary Education offer a thesis and non-thesis option.

### Admission Requirements for Education Specialist Programs and Graduate Teacher Educational Program (GTEP)

Admission to the Graduate School does not automatically constitute admission to the Education Specialist Program. Candidates are restricted to six semester hours of graduate course work prior to admission to the Graduate Teacher Education Program (GTEP). All candidates must complete all requirements for the Alabama Class AA certification. All Ed.S. 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 masters 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. Submit GRE test scores
4. Be unconditionally admitted and complete all additional admission requirements identified in the specific program.
5. Early Childhood program applicants must have three years of teaching experience at the early childhood level documented by the submission of the EXP form.
6. Elementary program applicants must have three years of teaching experience at the elementary level documented by the submission of the EXP form.
7. Submit 3 College of Education Reference forms. One must be from an immediate supervisor.

**(Students must successfully complete all program admission requirements no later than the completion of the semester prior to admittance to the program.)**

### Program Requirements

1. Have a GPA greater than 3.25
2. Pass comprehensive exam (both non-thesis and thesis options)
3. Complete thesis (thesis option)
4. Meet residency requirement (24 semester hours)
5. No more than two grades below "B"
6. Grade of "B" or better in ECE/ELE 7790—Qualitative Research Methodology
7. No more than 12 semester hours of transfer credit
8. 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 3.25 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

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

**36-39 sh**

**Location: Dothan, Phenix City**

#### *Required Professional Core\* (15 sh)*

PSY 6693	3	Psychological and Educational Statistics
ECE 7790	3	Qualitative Research Methodology
ECE 7793	3	Problem Analysis in ECE
EDU 7709	3	Seminar in Decision-Making for Teachers and Educational Administrators
EDU 7730	3	The Teacher Leader (recommended as the first course taken in the program)

*\*Additional requirements for certification include the following unless previously completed: 1) a survey course in special education, and 2) EDU 6611 Educational Technology in the Curriculum*

**Select Non-Thesis or Thesis Option:**

Non-Thesis Option (6 sh):

EDU 7757 3 Practicum in Area of Specialization  
EDU 7760 3 Leading for Learning in the School Environment  
OR

Thesis Option (3-6 sh):

EDU 7795 3-6 Thesis (may be repeated)

**Teaching Field Courses: (12 sh)**

Select twelve hours of ECE courses. At least six hours must be at the 7000 level.

**Adviser-Approved Electives: (6 sh)**

Select six additional hours of adviser-approved 7000 level ECE courses or other adviser-approved 7000 level courses related to the profession (e.g., EDU, ELE, SPE, RED).

**ELEMENTARY EDUCATION**

36 sh

Location: Dothan, Phenix City

**Required Professional Core\*: (15 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 (documented by the submission of the EXP form.)  
ELE 7790 3 Qualitative Research Methodology  
ELE 7793 3 Problem Analysis in Elementary Education

*\*Additional requirements for certification include the following unless previously completed: 1) a survey course in special education, and 2) EDU 6611 Educational Technology in the Curriculum*

**Select Non-Thesis or Thesis Option: (6 sh)**

Non-Thesis Option:

EDU 7757 3 Practicum in Area of Specialization  
EDU 7760 3 Leading for Learning in the School Environment  
OR

Thesis Option:

EDU 7795 1-6 Thesis

**Teaching Field Courses: (12 sh)**

ELE 7736 3 Mentoring and Supervision in ELE  
ELE 7761 3 Effective Schools  
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.

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## EDUCATION SPECIALIST (Ed.S.) CERTIFICATION PROGRAM

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### SIXTH-YEAR CERTIFICATION PROGRAM FOR INSTRUCTIONAL SUPPORT AREAS

**Purpose**

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The purpose of the Education Specialist (Ed.S.) 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 Ed.S. 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.

**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 for Education Specialist Programs in Instructional Support Areas**

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Admission to the Graduate School does not automatically constitute admission to the Education Specialist Program. Candidates are restricted to six semester hours of graduate course work prior to admission to the Graduate Teacher Education Program (GTGP). All candidates must complete all requirements for the Alabama Class AA certification. All Ed.S. 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 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 Community Counseling.)
3. be unconditionally admitted and complete all additional admission requirements identified in the specific program,
4. 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 Community Counseling).

**Certification in Alabama**

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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 rec-

ommend 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:

Ed.S. Degree Sought	Required Valid Class A (Masters level Certification)
Instructional Leadership & Administration	Education Administration or Instructional Leadership
School Counseling	School Counseling
School Psychology	School Psychometry
Teacher Leader	In any Teaching Field or Area of Instructional Support
Community Counseling	None Required (non-certification Ed.S. program)

- a grade point average of 3.25 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 Prospective Teacher Testing Program (APOTP).\*

*\*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.

**Ed.S. Instructional Support Certification Programs**

**INSTRUCTIONAL LEADERSHIP & ADMINISTRATION (ED.S.)**  
30 sh

**Location: Dothan, eTROY, Phenix City**

**Goals and Objectives:**

The goal of the Ed.S. Instructional Leadership & 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 & 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 & Administration must hold the master’s professional educator certificate in educational administration. In addition the candidate must meet one of the following criteria:

1. Hold a Class A Instructional Leadership & Administration certificate earned after completing a redesigned program at an Alabama university;
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.

In an effort to maintain the rigorous nature of the Instructional Leadership & 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 Ed. S. 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:

- Three (3) signed letters of recommendation including one from the applicant's principal or supervisor on letter head stationary. (These letters should address the leadership abilities of the candidate and any previous leadership experiences.)
- Copies of most recent performance appraisal including professional development component, if available
- Evidence of ability to lead student achievement
- Evidence of leadership and management potential.
- Summary of candidate's reasons for pursuing the Class AA certificate in Instructional Leadership & Administration.
- Supplemental Experience Forms (Form 125.4)
- Curriculum Vitae

**Required Courses\*:** (30 sh)

ILA 7700	3	Adult Learning Theories & Managing Change
ILA 7702	3	Involving Parents and Community Stakeholders
ILA 7703	3	Law, Ethics, and Policy Development
ILA 7717	3	Mentoring
ILA 7740	3	Creating Effective Learning Environments
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

\*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.

**SCHOOL COUNSELING (ED.S.)****Location:** Dothan, Montgomery, Phenix City**36 sh****Goals and Objectives:**

The goal of the Ed.S. School Counseling program is to strengthen and extend the students' knowledge and skills developed at the Master's level so that the students will:

- become informed, reflective decision makers;
- understand the developmental, proactive, and preventive focus of counseling in the schools;
- facilitate academic, career, and personal-social development of K-12 students;
- provide interventions for learning and behavioral problems; and
- 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**

- Submission of proof of master's level professional education certification in school counseling.
- A grade of "B" or better in CP 7702 Advanced Theories and Techniques of Counseling.

**Required Courses\*:** (12 sh)

CP 6656	3	Marriage, Family and Sex Therapy Counseling
CP 7700	3	Advanced Practicum in Group Leadership
CP 7702	3	Advanced Theories and Techniques of Counseling
PSY 6669	3	Behavior Pathology

\*In addition to the required courses, a survey course in special education is required unless previously completed.

**Select ONE Research Course\*:** (3 sh)

PSY 6693	3	Psychological and Educational Statistics
EDU 6693	3	Quantitative Methods of Evaluation of Teaching and Learning
EDU 7792	3	Advanced Research in Education

\* A grade of "B" or better is required in all research courses.

**Field Project or Thesis \*:** (3-6 sh)

CP 7791/92/93	1-3	Research Seminar
CP 7794	3	Field Project
CP 7795		
7796	6	Thesis

\* 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.

**Adviser Approved Electives:** (15-18 sh)

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.

**SCHOOL PSYCHOLOGY (ED. S.)****33-36 sh****Location:** Dothan

Initial certification for a school psychologist shall be at the sixth-year level. Criteria for admission to a school psychology program shall include at least baccalaureate-level professional educator certification in a teaching field and master's-level professional educator certification as a school psychometrist.

**Goals and Objectives:**

The school psychology program provides broader experiences in psychometrics and interventions and, in addition, focuses on consultation, preventative strategies, training, program development, and program administration. The knowledge base expands the student's exposure in learning measurement, behavior pathology, community psychology, multicultural influences, and organizational behavior. Models of service delivery are explored.

The objectives of the Ed. S. School Psychology Program are to strengthen and extend the master's-level students' knowledge and skills so that the students will

- become informed decision makers, consultants, and facilitators for the education of children and the operation of schools;
- select, administer, score and interpret tests, and communicate data in a wide variety of ways and to diverse populations;
- intervene directly through counseling, cognitive-behavioral, and psycho-educational techniques, as well as early intervention and preventive programs;
- intervene directly through consultation, training, and program development in schools and communities; and develop and to administer programs regarding the above.

**Admission to the Graduate Education Program (GTEP)****School Psychology**

- Submission of proof of master's level professional education certification in school psychometry.
- A grade of "B" or better in PSY 7700 Professional School Psychology.

**Coursework:** (33-36 Semester Hours)**Required Core Courses\*:** (18 sh)

PSY 6635	3	Vocational Psychology & Career Development
CP 6644	3	Community Counseling Services
CP 6651	3	Counseling Diverse Populations

PSY 6693	3	Psychological and Educational Statistics
PSY 6669	3	Behavior Pathology
PSY 7700	3	Professional School Psychology

*\*A survey course in special education is required if not previously completed.*

**Select ONE: (3 sh)**

PSY 6633	3	Advanced Psychology of Learning
PSY 6631	3	Psychological Foundations of Education

**Select ONE: (3 sh)**

CP 6641	3	School Counseling and Program Management <i>Adviser-Approved Course in Instructional Leadership</i>
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**Select TWO of the following Adviser-approved electives: (6 sh)**

CP 7702	3	Advanced Theories and Techniques of Counseling
SPE 6630	3	Collaboration for Inclusion
SPE 6631	3	Legal Issues in Special Education
SPE 6632	3	Assessment and Individual Programming
PSY 7794	3	Field Project
PSY 7795	3	Thesis

**Internship\*: (3-6 sh)**

PSY 7753	3-6	Internship: School Psychology
7754	3	Internship: School Psychology
7755	3	Internship: School Psychology

*\* 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.*

All coursework applied toward the Ed.S. 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.

**TEACHER LEADER (ED.S.) 30 sh**  
**Location: Dothan, eTROY, Phenix City**

**Goals and Objectives:**

The goal of the Ed.S. 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 Ed.S. Teacher Leader Program and Graduate Teacher Education Program (GTEP):**

In addition to the Admission Requirements for Graduate School, candidates seeking admission to the Ed.S. Teacher Leader program must:

1. Hold the master's professional educator certificate in any teaching field or area of instructional support; \*
2. Have a minimum of three full years of full-time teaching experience in a P-12 setting;
3. Provide a portfolio containing three letters of recommendation, evidence of ability to positively affect student achievement, and evidence of collaborative leadership potential.

*\*Note: Students admitted into the Ed.S. 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 Ed.S. 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 3.25 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 passing score on a comprehensive assessment documenting mastery of the curriculum of the Teacher Leader program which may include, but may not be limited to, an oral examination.
4. A survey of special education course, if not previously completed.
5. Meet the Praxis II requirements of the Alabama Educator Certification Testing Program (AECTP).
6. 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	Involving Parents and Community Stakeholders
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.

NON- CERTIFICATION PROGRAMS*							
Master of Science (M.S.)	Hours	Alabama Campuses				Global Campus*	eTROY
		Dothan	Montgomery	Phenix City	Troy		
<b>Adult Education</b>							
Curriculum and Instructional Design	33/36	X	X				X
Instructional Technology	33/36	X			X		X
Leadership Studies	33/36	X			X		X
<b>Second Language Instruction</b>					X		X
<b>Post Secondary Education</b>							
TESOL	30/36				X		
<b>Education Specialist (Ed.S)</b>							
Community Counseling	30		X				

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

## MASTER OF SCIENCE (M.S.) ADULT EDUCATION NON-CERTIFICATION PROGRAM

**This is a non-certification program. 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

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. An official copy of GRE or MAT or GMAT scores.
4. 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.

### **Program of Study**

Students must successfully complete ONE of the following options:

**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.

### 33 Semester Hours

#### 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 (A grade of "B" or better is required)
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 an educational portfolio 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. *Prerequisite: Completion of all core courses (ADE 6600, ADE 6660, 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\*** 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. *Note: Option II may only be offered at an approved location with a fulltime Adult Education faculty member on site.*

*\*Thesis option is not available to eTROY students.*

### 36 Semester Hours

#### 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 (A grade of "B" or better is required)
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 and Instructional Design

#### 18 Semester Hours

Location: Dothan, eTROY, Montgomery

#### Concentration Purpose:

The M.S. in Adult Education with a concentration in Curriculum and Instructional Design equips graduates with the ability to analyze, design, develop, implement, and evaluate curricula for the education and training of adults in diverse learning situations. Both 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.

#### Concentration Objectives:

Upon successful completion of the M.S. in Adult Education with a concentration in Curriculum and Instructional Design, 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.
- Synthesize a client's unique education and training needs to create a contextually relevant and effective curriculum.

#### Concentration Courses:

ADE 6653	3	Educational Evaluation
ADE 6674	3	Methods and Strategies for Teaching Adults
ADE 6680	3	Curriculum Development for Adult Education
EDU 6613	3	Principles of Instructional Design
EDU 6614	3	Advanced Instructional Design

#### Advisor Approved Elective (3 sh)

### Instructional Technology

#### 18 Semester Hours

Location: Dothan, eTROY, Troy

#### Concentration Purpose:

The M.S. in Adult Education with a concentration in Instructional Technology prepares graduates for an instructional technology profession based on their field of specialty such as teachers, trainers, instructional designers, training specialists, instructional media specialists, and other human services professionals. Graduates will be able to analyze, design, develop, implement, and evaluate curricula and instructional technologies for education and training in diverse learning situations. The focus will be on both theory and application of instructional technology as it relates to the graduate area of interest.

#### Concentration Objectives:

Upon successful completion of the M.S. in Adult Education with a concentration in Instructional Technology, graduates will be able to:

- Apply learning theories to instructional design.
- Select and develop instructional delivery systems.
- Integrate instruction with other factors that influence human performance.
- Use technology in support of 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	Advanced Instructional Design
EDU 6616 3	Distance Learning Strategies
EDU 6617 3	Graphic Design in Multimedia Instruction
EDU 6618 3	Advanced Multimedia Instruction

**Leadership Studies****18 Semester Hours****Location: Dothan, eTROY, Troy****Concentration Purpose:**

The M.S. in Adult Education with a concentration in Leadership Studies 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 Studies 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.

**Concentration Objectives:**

Upon successful completion of the M.S. in Adult Education with a concentration in Leadership Studies, 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.

**Concentration Courses:**

ADE 6641 3	Organizational Behavior and Group Dynamics
EAL 6609 3	Communication and Problem Solving
EAL 6633 3	Leadership
EAL 6653 3	Evaluation and Organizational Improvement
PA 6630 3	Strategic Planning

Select ONE of the following courses:

ADE 6617 3	Seminar in Personnel Planning and Leadership
EAL 6643 3	Administration of School Personnel
PA 6624 3	Public Human Resource Management

**Dual Concentration**

For students pursuing the MSADE degree with a dual concentration, a single course can be applied only one time to satisfy degree requirements.

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## MASTER OF SCIENCE (M.S.) SECOND LANGUAGE INSTRUCTION NON-CERTIFICATION PROGRAM

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*This is a non-certification program. Students holding this degree will not be recommended for any teacher/counselor/administrator certification or license.*

**Purpose**

The purpose of the Master of Science in Second Language Instruction (SLI) is to offer students an opportunity to acquire proficiency, knowledge and skills in the pedagogical process of teaching language to non-native speakers.

**Program Objectives**

Upon successful completion of the Master of Science in Second Language instruction, our students will demonstrate:

1. The professional skills and academic competencies required for second language instruction;
2. Knowledge of recent theories of how languages are structured and acquired;
3. Knowledge of and understanding of principles necessary to create and deliver appropriate lesson plans;
4. Knowledge of and ability to create appropriate assessments;
5. Knowledge of a wide range of research methodologies and how they rate to increased achievement for language learning students;
6. Knowledge of a wide range of cultural values and beliefs represented by different cultures and how they relate to increased achievement for all students.

**Admission Requirements**

To apply for admission to the Master of Science in Second Language Instruction program, applicants must submit:

1. A completed Application for Admission to the Graduate School.
2. Must hold a baccalaureate degree in English or another language, sociology, education, psychology, journalism, linguistics or any language related discipline.
3. Official transcript(s) from all universities attended.
4. Two (2) letters of recommendation submitted in English from former or current professors. The letters are expected to provide insights into the applicant's ability and aptitude for graduate study. If working, letters from colleagues will be accepted. See web request form at: <http://trojan.troy.edu/graduateschool/forms.html>

**Unconditional Admission**

Students should meet the unconditional admission requirements for the Graduate School with the following exceptions:

1. Applicants must have achieved at least a 3.0 GPA on all undergraduate work.
2. Students must demonstrate a strong evidence of excellence in language skills by providing an essay on a topic in literature, writing, language, linguistics, education or any related field.

**Conditional Admission**

Students entering the English as a Second Language Track must successfully satisfy one of the following:

1. Make a satisfactory score on the Test of English as a Foreign Language (TOEFL): TOEFL: IBT (internet based test) 80/ 213/ CBT (computer based test) 213/ PBT (paper based test) 550.
2. Make a satisfactory score on the International English Language Testing System (IELTS): score of 6.5
3. Make a satisfactory score on the ACT COMPASS ESL exam. To pass the ACT Compass ELS, a student must attain a total of 270 on the Listening, Reading and Grammar sections, with no individual score below 85, and a minimum score of 8 out of 12 on the writing test.

**Note:** The ACT Compass ESL may be taken only once.

**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 MSSLI degree. These courses must be comparable in catalog description to courses in the MSSLI program and must be approved by the Dean of the College of Education.

**Academic Advisement**

Faculty advisement for the program is required.

**Degree Requirements**

1. Credit hours required in major courses: 27 semester hours
2. Credit hours required in support courses: 4 to 6 semester hours (*Capstone Option*)
3. Credit hours in required or free electives: None
4. Credit hours for thesis or dissertation: 4 to 6 semester hours (*Thesis Option*). Additional requirements such as preliminary qualifying examination, comprehensive examination, thesis, dissertation, practicum or internship, some of which may carry credit hours included in the list above.

<i>Capstone Option</i>	
1. Successfully complete 9 Core Courses (27 SH)	
2. Successfully complete a Practicum (1 – 3 SH)	
3. Successfully complete an approved capstone (3 SH)	
<b>TOTAL 31 – 33 SH</b>	

<i>Thesis Option</i>	
1. Successfully complete 9 Core Courses (27 SH)	
2. Successfully complete a Practicum (1 – 3 SH)	
3. Successfully complete a Thesis (3 SH)	
<b>TOTAL 32 – 33 SH</b>	

**Curriculum**

The MSSLI degree curriculum consists of 9 core required courses and 2 courses that consist of a choice of either the *Thesis Option* or the *Capstone Option*. All courses offer three semester hours (SH) of credit except the Practicum Course which offers 1 – 3 hours of credit.

SL 6610	3	Survey of SLA for SL Teachers
SL 6615	3	Intro to Linguistics
SL 6620	3	Survey of Sociolinguistics for Second Language Teachers
SL 6630	3	Principles, Techniques & Materials in SL Teaching
SL 6635	3	Methods & Approaches in SL Teaching
SL 6640	3	Teaching Language Skills
SL 6645	3	Grammar

SL 6653	3	Assessment & Evaluation
SL 6691	3	Research Methodology

Select Either the *Capstone Option* or the *Thesis Option*:

**Capstone Option**

9 Core Courses	27 SH
SL 6696	1-3 Practicum AND
SL 6699	3 Capstone

**TOTAL 31 – 33 SH**

**Thesis Option**

9 Core Courses	
SL 6696	1-3 Practicum
SL 6695	3 Thesis

**TOTAL 31 – 33 SH**

**MASTER OF SCIENCE (M.S.)  
POST SECONDARY  
EDUCATION  
NON-CERTIFICATION  
PROGRAM**

**This is a non- certification program. Students holding this degree will not be recommended for any teacher/counselor/administrator certificate or license.**

*Note 1: The Master of Science in Post Secondary Education (MSPSE) replicates the old Master of Education (M.Ed.) degree. Students holding the Master of Education are not eligible for admission into the MSPSE program.*

*Note 2: The Master of Science in Post Secondary Education (MSPSE) replaces the old Master of Science in Foundations of Education (MSFE, on the Dothan Campus, Troy Campus, and Global Campus) and the Master of Arts in Teaching (MAT, on the Montgomery campus). Students holding the MSFE or MAT degree are not eligible for admission into the MSPSE program.*

**State Authorizations**

*Washington State*

This program is not intended to lead to teacher certification. Teachers are advised to contact their individual school districts as to whether this program may qualify for salary advancement.

**Goals and Objectives**

The Master of Science in Post Secondary Education Program is designed to prepare new entrants to the field of post secondary education as professional practitioners in a selected area of study.

The program objectives for the M.S. in Post Secondary Education are to increase the skills and abilities of candidates so that they will be able:

1. To demonstrate an understanding of the body of knowledge, research base, instructional techniques, and competencies related to the area of concentration
2. To identify and develop alternative solutions to problems through evaluation, synthesis and application of knowledge, theories and concepts in the area of concentration
3. To demonstrate knowledge of various models of education, and social and cultural influences on post second-

- ary education
- To demonstrate an understanding of learning styles and their relationship to student achievement

### Admission Requirements

Students should meet admission requirements for the Graduate School.

### Program of Study

Two program of study options are available to students pursuing a M.S. in Post Secondary Education. Each includes a core of required courses and the completion of an approved 18-semester-hour concentration.

- Option I is a 36-semester-hour program consisting of an 18-semester-hour core of required courses and a selected 18-semester-hour focus of study. Option I does not require a comprehensive examination. Students may select a thesis or a non-thesis track in Option I.
- Option II is a 30-semester-hour program consisting of a 12-semester-hour core of required courses and a selected 18-semester-hour concentration. Successful completion of a written comprehensive examination is required.

#### Program of Study for Option I

##### 36 Semester Hours-No Comprehensive Examination

Required Core Courses: (12 sh)

PSE	6660	3	Trends and Issues in Adult Education
PSE	6670	3	Psychological Foundations of the Adult Learner
PSE	6680	3	Curriculum Development for Adult Education
PSE	6691	3	Research Methodology

Select Thesis Track or Non-Thesis Track: (6 sh)

PSE	6695	6	Thesis
			or
PSE	6665	3	Field Project in Post Secondary Education
PSE	6699	3	Capstone in Post Secondary Education

Select an approved concentration or focus of study: (18 sh)

#### Program of Study Option II

##### 30 Semester Hours-Comprehensive Examination Required

Required Core Courses: (12 sh)

PSE	6660	3	Trends and Issues in Adult Education
PSE	6670	3	Psychological Foundations of the Adult Learner
PSE	6680	3	Curriculum Development for Adult Education
PSE	6691	3	Research Methodology

Select an approved concentration or focus of study: (18 sh)

### Concentrations

Students must select either Option I or Option II, complete the required core courses (either 18 or 12 semester hours), and successfully complete one of the approved concentrations listed below. Students interested in additional areas of graduate study must go through the College of Education for pre-approval. Academic advisement for the program and the required core is provided by the faculty in the College of Education. Advisement for the concentration areas is provided by the departmental faculty in the specific discipline.

#### Teaching English to Students of Other Languages (TESOL) Concentration

##### 18 Semester Hours

Location: Troy

ENG	5568	3	Methods and Approaches in Second Language Teaching
ENG	5569	3	Principles, Techniques and Materials in Second Language Teaching
ENG	6660	3	Introduction to Applied Linguistics
ENG	6696	3	Practicum
ENG	6630	3	Survey of SLA for Second Language Teachers
ENG	6631	3	Survey of Sociolinguistics for Second Language Teachers

## EDUCATION SPECIALIST(Ed.S.) NON-CERTIFICATION PROGRAM

### Community Counseling (Ed.S.) Non-Certification Program

#### 30 Semester Hours

##### Location: Montgomery

The Ed.S. in Community Counseling is restricted to students who hold a minimum 36-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 Community 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 Community Counseling Ed.S.:

- To expand knowledge of the functions, roles, professional identity, current trends/issues, professional organizations, and professional identity.
- To expand sensitivity and skill in providing counseling services to diverse cultural populations.
- To expand knowledge and skill in research.
- To expand knowledge of principles, theories, and practices of community interventions.
- 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.
- To expand the ability to apply sound clinical and ethical judgment and skills.
- To demonstrate psychological health and the ability to use high levels of self-awareness.

#### Coursework: (30 Semester Hours)

Required Courses: (15-18 sh)

CP	7702	3	Advanced Theories and Techniques of Counseling
CP	7700	3	Advanced Practicum in Group Leadership
CP	7753	1-6	Internship: Advanced Counseling
			7754
			7755
CP	7791	1-3	Research Seminar
			7792
			7793
CP	7794	3-6	Field Project
			OR
CP	7795	3-6	Thesis
PSY	6693	3	Psychological and Educational Statistics

Adviser Approved Electives: (12-15 sh)

<b>COUNSELING AND PSYCHOLOGY PROGRAMS*</b>						
<b>Program Specialty</b>	<b>Hours</b>	<b>Alabama Campuses</b>				<b>Global Campus*</b>
		<b>Dothan</b>	<b>Montgomery</b>	<b>Phenix City</b>	<b>Troy</b>	
Clinical Mental Health Counseling	60	X	X	X	X	X
Rehabilitation Counseling	48	X	X	X	X	
School Counseling (M.S. Ed.)	48	X	X	X	X	
School Psychometry (M.S.Ed.)	36	X	X			
General Counseling (non-licensure; non-certification program)	36		X			X
Student Affairs Counseling	48				X	
Substance Abuse Counseling	48		X			
Addictions Counseling Certificate	15	X	X	X		X
Post Masters Certificate in Clinical Mental Health Counseling	15	X	X	X	X	X

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

## **MASTER OF SCIENCE IN COUNSELING AND PSYCHOLOGY (M.S.C.P.)**

### **Accreditations**

The Clinical Mental Health Counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) at the following locations: Ft. Walton Beach, Orlando, Panama City/Tyndall AFB, Pensacola, Phenix City, Tampa, and Troy.

The School Counseling Program available at all four Alabama Campuses is accredited by both CACREP and by the Council for the Accreditation of Educator Preparation (CAEP). The School Psychometry program offered at the Dothan and Phenix City campuses is also accredited by CAEP. Both the School Counseling and School Psychometry programs are approved by the Alabama State Department of Education and lead to Alabama Class A certification.

The Rehabilitation Counseling Program offered at all four Alabama Campuses are accredited by the Council on Rehabilitation Education (CORE).

Troy Global Campus College of Education students must meet all specialized accreditation requirements to be classified as graduates of specialized accredited programs (NCATE, CACREP, and CORE). Up to 12 hours of coursework completed at a site/university with the appropriate specialized accreditation may be considered for application toward program completion. See Transfer Credit Section for additional information.

### **Counseling and Psychology Mission Statement**

The mission of the Department of Counseling and Psychology is to educate, develop and train counseling and psychology 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 at regional and state locations. The program seeks students from diverse populations.

### **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 and Psychology Admission Policy**

In addition to meeting graduate school admissions requirements, the student is required to have the following:

1. Three specified reference forms/letters 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.

2. 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.
3. 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.
4. 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.
5. Approval of the Graduate Counseling Admissions Committee for the department within the parameters established by the College of Education and the Graduate Council.

For conditionally admitted students, a Plan for Proving Graduate Status (PPGS) shall be developed during the student's first semester/term of enrollment. The PPGS may include

- specific undergraduate or graduate courses as prerequisites,
- retaking entrance exams, and
- proficiency examinations and/or work samples, papers, projects or other measures of performance.

The required level of performance for the PPGS shall be communicated to the student in writing with a designated completion deadline. Students who are conditionally admitted may take for graduate credit only courses that are approved in the PPGS. Conditionally admitted students must complete all requirements specified in the PPGS and maintain a grade of "B" or better on each course attempted within the first nine hours of graduate work.

Those students who do not meet the requirements described in item four above (evidence of academic skills) but who meet all other requirements for unconditional or conditional admission shall also develop a PPGS. These students may be admitted conditionally subject to the requirements and time period specified in the PPGS. Such students must also complete all requirements specified in the PPGS and maintain a 3.0 (4.0) scale grade point average on each course attempted within the first nine hours of graduate work.

Students must complete all admission requirements prior to registering for any graduate courses. However, those students who are required to develop a PPGS due to deficiencies in academic skills may have additional time as specified in the PPGS to remediate those deficiencies. If the student fails to meet all admission requirements within the time specified in the PPGS, the student will be withdrawn from classes with no credit.

### **Counseling Program Guidelines**

1. **Required Hours.** Students enrolled in programs in Counseling and Psychology must complete 60% of required hours (excluding internship and/or practicum) at the site where internship and/or practicum are completed. (Required hours to be completed at internship/practicum location 60 hour program—10 courses; 48 hour programs-8 courses; 36 hour program-7 courses) Students should see their academic adviser for specific requirements.
2. **Internships/Practicum.** Students are required to complete supervised internship and practicum courses at the same campus.
3. **Comprehensive Examination.** Student must pass a written comprehensive examination for completion of counseling

and psychology programs. For more detailed information, please consult the *Counseling Programs Student Handbook*.

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 campuses. A third common handbook, *Supervisor's Manual*, is provided to professionals supervising practica and internships.
5. **Research Requirement.** Students enrolled in the Counseling and Psychology programs are required to take CP 6691 Research Methods only at Troy University. This course may not be substituted with another Troy University research course or one transferred from another university.

## **Counseling and Psychology Programs**

### **CLINICAL MENTAL HEALTH COUNSELING 60 sh**

**Locations: Augusta, Dothan, Ft. Walton Beach, Montgomery, Orlando, Panama City/Tyndall AFB, Pensacola, Phenix City, Troy, and Tampa**

#### **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

#### **Coursework for Clinical Mental Health Counseling (60 sh)**

*Required Courses: (51 sh)*

CP	6600	3	Professional Orientation & 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 & Sex Therapy Counseling
CP	6659	3	Internship: Mental Health (300 hours)
CP	6660	3	Internship: Mental Health (300 hours)

**Select Option I or Option II below: (9 sh)\*****\*Option I (Required for licensure in Florida)**

\*CP 6634 3 Drug Education, Prevention, and Intervention  
6 Hours of adviser approved electives

**OR****Option II**

9 sh of Adviser-approved electives

**REHABILITATION COUNSELING 48 sh**

**Locations: Dothan, Montgomery, Phenix City, Troy**

The Rehabilitation Counseling program at Troy University is fully accredited by the Council on Rehabilitation Education (CORE) through 2015 ([www.core-rehab.org](http://www.core-rehab.org)). Students are admitted each semester. Those interested in applying should complete an application at [www.troy.edu](http://www.troy.edu). The Rehabilitation Counseling program was awarded the RSA Long Term Training Grant in 2005 and again in 2010. This grant makes scholarships available to Rehabilitation Counseling students who intend to work in a nonprofit rehabilitation setting. Any student interested in applying for the scholarship should contact his or her advisor for an application and further details on the scholarship.

Student outcomes are evaluated using common assignments in all required courses. In addition, students must complete a program midpoint evaluation and a final dispositions evaluation during their last internship. All student outcome evaluations are based on CORE standards and data is collected using LiveText. Students must also successfully pass a comprehensive exam prior to graduation. Students enrolled in the rehabilitation counseling program can opt to take the CPCE or CRC exam for their comprehensive exam.

The Rehabilitation Counseling program is offered on the Dothan, Montgomery, Phenix City and Troy campuses. There are six faculty members who are Certified Rehabilitation Counselors (CRC). As of Spring 2013, Troy University has 87 students (full and part time students combined) on the four campuses. Approximately 84% of the students are from underrepresented groups, including those with disabilities. In 2012, a total of 16 students graduated from the program. These graduates work in a variety of settings including state rehabilitation agencies (Alabama, Florida, and Georgia), the VA, and community rehabilitation programs.

Further information regarding enrollment, retention, graduation rate, and employment of students can be obtained from the program coordinator. In addition, Troy University publishes the Fact Book annually which gives enrollment and graduation rates for all programs at the university.

**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 will be pursued. The Troy University program leads to a Master of Science degree with a specialty in Rehabilitation Counseling. Students may choose an em-

phasis area in either hearing or visual impairment. Upon graduation, students will have the basic 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 on Rehabilitation Education (CORE);
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.

**Coursework for Rehabilitation Counseling (48 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

**Select one (adviser approval required): (3 sh)**

PSY	6664	3	Assessment of Disabling Conditions
CP	6687	3	Placement of Special Disability Groups
CP	6680	3	Seminar: Counseling Approaches to Working with Hearing Impairments
CP	6681	3	Seminar: Counseling Approaches to Working with Visual Impairments

*Or Adviser-Approved Elective in Rehabilitation Counseling*

**SCHOOL COUNSELING****48 sh****Locations: Dothan, Montgomery, Phenix City, Troy****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, role, 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.

**Note:** Candidates are restricted to six hours of graduate coursework prior to admission to the Graduate Teacher Education Program (GTEP) School Counseling.

**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 & Psychology program admission requirements as outlined in this catalog.
3. Background check.

**Coursework for School Counseling****48 Semester Hours****Required Courses: (45sh)**

CP	6600	3	Professional Orientation and Ethics
CP	6610	3	Facilitation Skills and Counseling Techniques
CP	6642	3	Group Dynamics and Counseling
CP	6645	3	Current Trends in School Counseling
CP	6649	3	Theories of Counseling
CP	6691	3	Research Methodology
CP	6651	3	Counseling Diverse Populations
CP	6641	3	School Counseling Program Management
PSY	6606	3	Interventions for Children and Adolescents
PSY	6645	3	Evaluation and Assessment of the Individual
PSY	6668	3	Human Lifespan and Development
CP	6650	3	Practicum (100 hours)
CP	6657	3	Internship: School Counseling (300 hours)
CP	6658	3	Internship: School Counseling (300 hours)
PSY	6635	3	Vocational Psychology and Career Development

**Electives**

Students must take one advisor approved elective (3sh)

\*Students who have not taken the survey of special education course are required to take that course.

**SCHOOL PSYCHOMETRY****36 sh****Location: Dothan, Montgomery****Mission Statement:**

The School Psychometry Program is designed to train school psychometrists. The 36-semester-hour program meets Alabama State Department of Education guidelines for school psychometry

certification.

The program is designed to provide students with experiences in psychometrics and interventions. Additionally, it provides training in measurement, knowledge of normal and pathological development, consultation, and preventative strategies.

#### **Objectives for School Psychometry**

1. To become informed decision makers, consultants, and facilitators for the education of children and the operation of schools
2. To select, administer, score and interpret tests, and to communicate data in a wide variety of ways and to diverse populations
3. To intervene directly through cognitive-behavioral and psycho-educational techniques, as well as early intervention and prevention programs
4. To intervene directly through consultation, training, and program development in schools

#### **Additional School Psychometry Requirements:**

1. A valid teaching certificate in any field. Temporary, provisional, and other nonrenewable certifications are not acceptable.
2. To complete certification requirements, students also must have two years of professional experience.

#### **Admission to the Graduate Teacher Education Program (GTEP)**

1. Submission of a proof of Master's level professional education certification in a teaching field.
2. A grade of "B" or better in CP 6693 Research Methodology.

*Note: Candidates are restricted to six hours of graduate coursework prior to admission to the Graduate Teacher Education Program (GTEP).*

#### **Coursework for School Psychometry 36 Semester Hours**

*Required Courses: (21 sh)*

PSY	6636	3	Wechsler Scales
PSY	6637	3	Stanford Binet and Others
PSY	6645	3	Evaluation and Assessment of the Individual
PSY	6650	3	Practicum: Psychometry
PSY	6662	3	Internship: Psychometry
PSY	6668	3	Human Lifespan and Development
CP	6691	3	Research Methodology

#### **Select one from the following: (3 sh)**

CP	6600	3	Professional Orientation and Ethics
CP	6610	3	Facilitation Skills and Counseling Techniques
CP	6649	3	Theories of Counseling

#### **Select one from the following: (3 sh)**

PSY	5559	3	Applied Behavior Analysis
PSY	6659	3	Cognitive and Behavioral Interventions

#### **Select three from the following: (9 sh)**

CP	6651	3	Counseling Diverse Populations
PSY	6606	3	Interventions for Children and Adolescents
PSY	6638	3	Philosophy of Cognitive Development
PSY	6653	3	Measurement and Evaluation
SPE	6640	3	Teaching Diverse Learners*

Students who have not completed a class in Special Education (Diverse Learners) must take this course as a requirement.

#### **GENERAL COUNSELING\* 36 sh**

**Locations: Ft. Walton Beach, Montgomery, Orlando, Panama City/Tyndall, Pensacola, and Tampa**

*\*This is a non-licensure / non-certification degree.*

#### **Mission Statement:**

The General Counseling Program is designed to train social service providers. This 36-semester-hour program has been tailored to meet needs of individuals interested in providing social services in settings that do not require licensure.

The program is designed to provide students with knowledge of theory and application of counseling skills particularly as it relates to providing general counseling.

#### **Coursework for General Counseling**

##### **36 Semester Hours**

*Required Courses: (30 sh)*

CP	6600	3	Professional Orientation and Ethics
CP	6642	3	Group Dynamics and Counseling
PSY	6645	3	Evaluation and Assessment of the Individual
CP	6649	3	Theories of Counseling
CP	6651	3	Counseling Diverse Populations
CP	6655	3	Practicum: General Counseling (100 hours)
CP	6691	3	Research Methodology
PSY	6635	3	Vocational Psychology and Career Development
CP	6610	3	Facilitation Skills & Counseling Techniques
PSY	6668	3	Human Lifespan and Development

*Adviser-Approved Electives: (6 sh)*

#### **STUDENT AFFAIRS COUNSELING**

**48 sh**

**Location: Troy**

#### **Mission Statement:**

The mission of the Troy University Student Affairs Counseling program is to prepare student affairs counselors to provide competent professional service in all areas of student services counseling at the post-secondary level. Upon graduation, students will have foundational knowledge of the theories of student development and of the characteristics, needs, and programs required to assist students in higher education. Students will also have the basic skills and experience in assessment, services, and administration of student affairs departments to enter the profession of Student Affairs Counseling.

#### **Objectives for Student Affairs Counseling:**

1. Develop knowledge of the foundations of the student affairs profession to include history, philosophy, current trends/issues, functions, and legal and ethical considerations.
2. Develop knowledge and sensitivity to provide counseling services to students from diverse populations.
3. Develop knowledge and skills in conducting student affairs programs to provide the academic, social and career environments that promote student success.
4. Develop skills related to assessment of students and the college environment and interpretation of assessment results to administrators, students and faculty.
5. Develop skills in consultation to include working with faculty, professional staff, and student families in areas related to student development and welfare.
6. Develop skills in technology as applied to student affairs services.
7. Develop knowledge and skills of theories, models, and practices of leadership, organizational management, and program development.

#### **Coursework for Student Affairs Counseling**

##### **48 Semester Hours**

*Required Courses: (30 sh)*

CP	6600	3	Professional Orientation and Ethics
CP	6610	3	Facilitation Skills and Counseling Techniques

CP	6642	3	Group Dynamics and Counseling
CP	6649	3	Theories of Counseling
CP	6651	3	Counseling Diverse Populations
CP	6691	3	Research Methodology
PSY	6668	3	Human Lifespan Development
PSY	6645	3	Evaluation and Assessment of the Individual
PSY	6635	3	Vocational Psychology and Career Development
CP	6650	3	Practicum (100 hours)

*Specialty Courses: (12 sh)*

CP	6636	3	Foundations of Student Affairs
CP	6637	3	Administration of Student Affairs Programs
CP	6638	3	Internship: Student Affairs Counseling (300 hours)
CP	6639	3	Internship: Student Affairs Counseling (300 hours)

*Advisor Approved Electives : (6 sh)*

### **SUBSTANCE ABUSE COUNSELING** **48 sh**

**Location: Montgomery**

**Mission Statement:**

The Substance Abuse Counseling Program is designed to train substance abuse counselors. This 48-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 adequate knowledge of theory, application of counseling skills particularly as it relates to substance abuse counseling, knowledge of both normal and pathological development and behavior, and expertise in treatment planning.

**Objectives for Substance Abuse Counseling:**

1. To develop knowledge of the foundations of the counseling profession to include history, current trends/issues, roles, functions, and professional identity. The program is designed to provide students with adequate knowledge of theory, application of counseling skills particularly as it relates to substance abuse, knowledge of both normal and pathological development and behavior, and expertise in treatment planning.
2. To develop knowledge of commonly abused drugs, the physiological and psychological implications related to substance abuse, drug abuse prevention and intervention.
3. To develop knowledge and skills in technology as it is applied to psycho-educational presentations and general counseling, as well as understanding the limitation of technology as it applies to counseling.
4. To develop sensitivity and skill in providing counseling services to diverse cultural populations.
5. To develop knowledge and skill in research to include the capacity for being a consumer of research data, and the ability to contribute to program evaluation.
6. To develop sound clinical and ethical judgment and skills.
7. To develop knowledge and skill in consultation and cooperation with other counseling agencies and professionals.
8. To promote counselor accountability and professional credibility.
9. To demonstrate psychological health and the ability to use high levels of self awareness.

**Coursework for Substance Abuse Counseling****48 Semester Hours***Required Courses: (39 sh)*

CP	6600	3	Professional Orientation and Ethics
CP	6610	3	Facilitation Skills and Counseling Techniques

CP	6649	3	Theories of Counseling
CP	6642	3	Group Dynamics and Counseling
PSY	6669	3	Behavior Pathology
PSY	6645	3	Evaluation and Assessment of the Individual
CP	6665	3	Internship: Addictions Counseling
CP	6666	3	Internship: Addictions Counseling
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)

*Select THREE courses from the following: (9 sh)*

CP	6602	3	Seminar in the Prevention/Treatment of Chemical Dependency
CP	6616	3	Treatment of Addictive Family Diseases
CP	6617	3	Treatment Theories and Modalities of Addictive Diseases
CP	6634	3	Drug Education, Prevention, and Intervention
PSY	6610	3	Physiological Dynamics of Alcohol and other Drugs

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## **GRADUATE CERTIFICATE IN ADDICTIONS COUNSELING**

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**Locations: Augusta District, Dothan Campus, eTROY, Ft. Walton Beach District, Montgomery Campus, Orlando District, and Phenix City Campus**

**Mission Statement:**

The graduate certificate program is designed to provide Counseling and Psychology 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 and Psychology program at Troy University. See Graduate Admissions and the Master of Science in Counseling and Psychology 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	Seminar in the Prevention/Treatment of Chemical Dependency
CP	6616	3	Treatment of Addictive Family Diseases
CP	6617	3	Treatment Theories and Modalities of Addictive Diseases
CP	6634	3	Drug Education, Prevention, and Intervention
PSY	6610	3	Physiological Dynamics of Alcohol and other Drugs

**Other Requirements**

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

- a) Certification Intent
- b) Copy of student transcript

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## POST-MASTER'S CERTIFICATE IN CLINICAL MENTAL HEALTH COUNSELING *PENDING APPROVAL*

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**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 I:**

Students who have graduated with a 48 semester hours Masters Degree in Counseling and Psychology from Troy University may be admitted for the Post-Masters certificate. The 48 hours Masters Degree in Counseling must have included a minimum of at least one Clinical Practicum or Internship. Admission is unconditional. Additional requirements for Option I:

- Two letters of professional reference
- Letter of intent

- Resume
- Admission Interview

**Option II:**

Students who have graduated with a 48 semester hours Masters Degree in Counseling and Psychology from another regionally accredited university may be admitted to the Post-Masters certificate. The 48 semester hours Masters Degree in Counseling must have included at least one Clinical Practicum and/or Internship. Admission is unconditional. Additional requirements for Option II:

- Two letters of professional reference
- Letter of intent
- Resume
- Admission Interview

**Option III:**

Students who have graduated with less than a 48 hours Masters Degree in Counseling and Psychology from Troy University or another regionally accredited university may be admitted to the Post-Masters certificate upon completion of prerequisites that are equivalent to a 48 hour program. Admission is unconditional. Additional requirements for Option III:

- Two letters of professional reference
- Letter of intent
- Resume
- Admission Interview

**Coursework***Required Courses: (6sh)*

CP 6650	(3)	Practicum: Clinical Mental Health Counseling (100 hours)* or if previously taken, an advisor approved elective
CP 6661	(3)	Internship: Clinical Mental Health Counseling

*Elective: (9sh)*

CP 6601	(3)	Legal, Ethical, and Professional Standards
CP 6605	(3)	Foundations of Mental Health Counseling
PSY 6644	(3)	Bio-Psychology
PSY 6670	(3)	Diagnosis and Treatment Planning*
CP 7740	(3)	Theories of Counseling Supervision

\*Must have successfully completed a graduate level counseling course in Behavior Pathology.

**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

2014-2015

**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 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in EDU 6629 and PSY 6631        |

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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	Issuing Date
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____

**REQUIRED CORE COURSES: (18 Semester Hours)**

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	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			

**TEACHING FIELD: (18 Semester Hours)** Select 12 SH of adviser-approved ECE courses. Select 6 SH of additional adviser-approved courses related to the profession (e.g., EDU, ELE, SPE, RED). [At least 9 SH must be at the 6000 level.]

		3			
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**ADDITIONAL REQUIRED COURSES ONLY IF NOT PREVIOUSLY COMPLETED: (3-6 Semester Hours)**

	Special Education Survey Course	3			
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2014-2015

M.S. in Early Childhood Education - P-3  
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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Elementary Education - Grades K-6**  
**Certification / Traditional Program**  
 Graduate Degree Plan / Degree Audit  
**36 Semester-Hour Program**

TROY Publication 384-276  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in EDU 6629 and PSY 6631        |

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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 (Grades 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 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6629	The Master Teacher	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			

**TEACHING FIELD: (18 Semester Hours)** Select 12 SH of adviser-approved ELE courses. Select 6 SH of additional adviser-approved ELE courses or other adviser-approved courses in the discipline (e.g. EDU, ECE, SPE, RED). [At least 9 SH must be at the 6000 level.]

		3			
		3			
		3			
		3			
		3			
		3			

**ADDITIONAL REQUIRED COURSES ONLY IF NOT PREVIOUSLY COMPLETED: (3 Semester Hours)**

	Special Education Survey Course	3			
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2014-2015

M.S. in Elementary Education - Grades K-6  
 TROY Publication 384-276  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

<b>ADMISSION STATUS:</b>	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Collaborative Teacher Education - Grades K-6**  
**Certification / Traditional Program**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

TROY Publication 384-277  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores submitted.
2. Official transcripts of all academic work
3. Unconditional Admission
4. 36 semester hours of credit
5. Meet residency requirement
6. No more than two grades below "B"
7. Overall GPA of 3.0 or better
8. Completion of research requirement with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete Comprehensive Examination
11. Intent to Graduate filed
12. Grade of "B" or better in EDU 6629 and PSY 6631

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the traditional M.S. in Collaborative Teacher 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: 15 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6629	The Master Teacher	3			
SPE 6610	Research Trends and Issues in Special Education	3			
SPE 6630	Collaboration for Inclusion	3			
SPE 6632	Assessment and Individual Programming	3			
	SPE 6635-Meeting Instructional Needs Through Technology (or other adviser-approved technology course in the discipline)	3			

**SELECT ONE : (3 Semester Hours)**

PSY 6631	Psychological Foundations of Education	3			
EDU 6645	Nature of Intelligence	3			

**TEACHING FIELD: (12 Semester Hours)**

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			

**SELECT ONE : (3 Semester Hours)**

SPE 6694	Collaborative Teacher K-6 Practicum	3			
SPE 6699	Collaborative Teacher K-6 Initial Practicum (Required for initial certification in Collaborative Teacher K-6)	3			
SPE 6697	Field Based Research Project	3			

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M.S.Ed. : Collaborative Teacher Education - K-6  
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**SELECT ONE : (3 Semester Hours)**

RED 6670**	Advanced Study of Literacy ** Required if not ECE, ELE or Reading Specialist certified	3			
	Adviser Approved Elective	3			

**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Special Education Survey Course	3			
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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Admission to the Graduate Teacher Education Program (GTEP)
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S. : Collaborative Teacher Education - Grades 6-12**  
**Certification / Traditional Program**  
 Graduate Degree Plan / Progress Report  
**36 Semester-Hour Program**

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 Revised 3/2014  
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Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the traditional M.S. in Collaborative Teaching (Grades 6-12) **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 _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Admission to Candidacy                                 |
| 5. Meet residency requirement                      | 11. Successfully complete Comprehensive Examination        |
| 6. No more than two grades below "B"               | 12. Intent to Graduate filed                               |

**REQUIRED CORE COURSES: (15 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6629	The Master Teacher	3			
SPE 6610	Research Trends and Issues in Special Education	3			
SPE 6630	Collaboration for Inclusion	3			
SPE 6632	Assessment and Individual Programming	3			
SPE 6635	Meeting Instructional Needs Through Technology (or adviser approved Technology course in discipline)	3			

**TEACHING FIELD: (12 Semester Hours)**

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			

**SELECT ONE: (3 Semester Hours)**

PSY 6631	Psychological Foundations of Education	3			
EDU 6645	Nature of Intelligence	3			

**SELECT ONE: (3 Semester Hours)**

SPE 6695	Collaborative Teacher (6-12) Practicum	3			
SPE 6698	Collaborative Teacher (6-12) Initial Practicum (for Initial Certification)	3			
SPE 6697	Field Based Research Project	3			

**SELECT ONE: (3 Semester Hours)** Select the Reading Course **OR** a 3 SH adviser approved elective.

RED 6670*	Advanced Study of Literacy	3			
	Advisor Approved Elective	3			

\* Required if not ECE, ELE, or Reading Specialist certified

**ADDITIONAL REQUIRED COURSES ONLY IF NOT PREVIOUSLY COMPLETED: (3-6 Semester Hours)**

	Special Education Survey Course	3			
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2014-2015

**M.S. : Collaborative Teacher Education - 6-12**

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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed. in Secondary Education - Grades 6-12**  
**Certification / Traditional Program**  
 Graduate Degree Plan  
**36 Semester-Hour Program**  
**Teaching Fields Options - Biology, History, or Mathematics**

TROY Publication 384-279  
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 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in EDU 6629 and PSY 6631        |

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**REQUIRED CORE COURSES: (18 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6630	Collaboration for Inclusion	3			
PSY 6631	Psychological Foundations of Education	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			

**TEACHING FIELD: (18 Semester Hours) Select One of the following:**

- Biology       History       Mathematics

Select 18 SH of adviser approved courses 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.

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		3			
		3			

**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Special Education Survey Course	3			
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2014-2015

**TROY UNIVERSITY**  
**M.S.Ed: Secondary Education - Grades 6-12**  
**Certification / Traditional Program**  
 Graduate Degree Plan

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**36 Semester-Hour Program**

**Comprehensive Teaching Field Options - Social Science, English/Language Arts, or General Science**

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in EDU 6629 and PSY 6631        |

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**REQUIRED CORE COURSES: (18 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SPE 6630	Collaboration for Inclusion	3			
PSY 6631	Psychological Foundations of Education	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			

**TEACHING FIELD: (18 Semester Hours) Select One of the following:**

- Social Science      Select 18 semester hours of adviser approved Social Science courses in at least two of the following areas: Economics, Geography, History, Political Science or Social Studies. 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.
- English/Language Arts      Select 18 semester hours of adviser approved English / Language Arts courses in at least two of the following areas: English, Journalism, Speech, and Drama (Theatre). 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.
- General Science      Select 18 semester hours of adviser approved General Science courses in at least two of the following areas: Biology, Chemistry, Physics, and Earth & Space Science. 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.

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		3			

**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Special Education Survey Course	3			
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2014-2015

M.S.Ed: Secondary Education - Grades 6-12

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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**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 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the traditional M.S. in Elementary - Secondary Education (P-12) **MUST** hold valid certification in the same discipline and grade levels at the bachelor's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in EDU 6629 and PSY 6631        |

**REQUIRED CORE COURSES: (18 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6629	The Master Teacher	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			
EDU 6653	Educational Evaluation	3			
	EDU 6611 - Educational Technology in the Curriculum (or an approved technology course in discipline)	3			

**TEACHING FIELD: (18 Semester Hours)**

Select One of the following teaching fields:

- Art\*     Instrument Music     Choral Music     Physical Education

Select 18 SH of adviser approved courses 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.

\*Students in art education must select ART 6662 - Seminar in Art Education as a teaching field course.


**ADDITIONAL REQUIREMENTS:** *Only if not previously completed*

Special Education Survey Course	3			
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2014-2015

M.S.Ed.: Interdisciplinary Education - P-12  
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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S. in Education - Gifted Education - Grades P-12**  
**Certification / Traditional Program**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

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 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus: Dothan

Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the traditional 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		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**DEGREE REQUIREMENTS:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 semester hours of credit</li> <li>5. Hold valid teaching certificate in elementary education</li> <li>6. Meet residency requirement</li> <li>7. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>8. Overall GPA of 3.0 or better</li> <li>9. Completion of research requirement with a "B" or better</li> <li>10. All credit earned within 8 years of graduation</li> <li>11. Successfully complete Comprehensive Examination</li> <li>12. Intent to Graduate filed</li> <li>13. Grade of "B" or better in EDU 6629 and PSY 6631</li> <li>14. For certification, must successfully complete Praxis II in Gifted Education</li> </ol> |
|---|--|

**REQUIRED CORE COURSES: (12 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6600	Classroom Management and Behavior Intervention	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6629	The Master Teacher	3			
SPE 6630	Collaboration for Inclusion	3			

**SELECT ONE SEQUENCE: ( 2 Courses, 6 Semester Hours)**

SEQUENCE A					
EDU 6653	Educational Evaluation	3			
EDU 6691	Research Methodology	3			
SEQUENCE B					
EDU 6698	Introduction to Research	3			
EDU 6699	Research in Practice	3			

**TEACHING FIELD: (18 Semester Hours)**

EDG 6666	Nature & 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 CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Special Education Survey Course	3			
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M.S. in Gifted Education - Grades P-12  
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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Graduate Teacher Education Program (GTEP)
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Instructional Leadership and Administration**  
**Certification / Traditional Program**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

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 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus: Dothan

Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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 _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 12. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               |  |

**REQUIRED CORE COURSES: (12 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
ILA 6603	Tools for Managing Educational Resources	3			
ILA 6611	Community Relationships	3			
ILA 6613	Legal Dimensions of Education	3			
ILA 6633	Instructional Leadership	3			
ILA 6643	Human Resource Management	3			
ILA 6658	Working with Diverse Populations	3			
ILA 6684	Curriculum and Instructional Strategies	3			
ILA 6691	Research Methods	3			
ILA 6692	Using Data to Make Decisions	3			

**INTERNSHIP: (6 Semester Hours)**

ILA 6662	Orientation in Instructional Leadership and Administration	2			
ILA 6663	Practicum I	2			
ILA 6664	Practicum II	2			

**APPROVED ELECTIVE: (3 Semester Hours)** *Select one course from the following:*

ILA 6607	Readings in Leadership	3			
ILA 6609	Communication and Problem Solving	3			
ILA 6610	Grant Writing	3			
ILA 6625	Specialized Topics in Instructional Leadership	3			
ILA 6640	Building and Maintaining Collaborative Learning Environments	3			

**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Special Education Survey Course	3			
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M.S. Ed. in Instructional Leadership and Administration

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**ITEMS TO BE DISCUSSED:**

- Admission to Graduate Teacher Education Program (GTEP)
- Unconditional Admission
- Available faculty for academic advisement
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Mid-term evaluation
- Prerequisites
- Required examinations for certification (i.e. PRAXIS for Alabama)
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Early Childhood Education - Grades P-3**  
**Certification / Alternative Fifth Year**  
 Graduate Degree Plan  
**45 Semester-Hour Program**

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 Revised 3/2014  
 Page 1 of 2

Name		Student ID#		Campus	
Address			Email		

**DEGREE REQUIREMENTS:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 45 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Completion of PSY 6631 with a "B" or better</li> </ol> |
|---|--|

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
ECE 33XX	Portrait of a Learner				
SPE 3340	Diverse Learners	3			
PSY 3303	Educational Psychology	3			
RED 3380	Children's Literature	3			
RED 4481	Language and Literacy	3			
12 semester hours in each of the following areas: mathematics, science, English/language arts, social sciences					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			
RED 6670	Advanced Study of Literacy	3			

**TEACHING FIELD: (12 Semester Hours)**

ECE 6618	Designing Prosocial Learning Environments	3			
ECE 6628	Inquiries into Literacy Acquisition	3			
ECE 6632	Authentic Assessment in the ECE Classroom	3			
ECE 6634	Inquires into Logico-Mathematical Knowledge	3			

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**SELECT ONE: (3 Semester Hours)**

ECE 6620	Inquires into Physical Knowledge	3			
ECE 6622	Parents as Partners in Education	3			
ECE 6630	Inquiries into Representation	3			
ECE 6633	Integrated Thematic Curriculum	3			
ECE 6640	Integrated Children's Literature	3			
SPE 6631	Legal Issues in Special Education	3			

**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

ECE 6674	Early Childhood Internship Grades P-3	6			
ECE 5544	Internship Seminar	3			

**ADDITIONAL REQUIRED COURSES ONLY IF NOT PREVIOUSLY COMPLETED: (3-6 Semester Hours)**

	Classroom Management	3			
	Special Education Survey Course	3			

**ITEMS TO BE DISCUSSED:**

- Admission to Teacher Education Program (TEP)
- Temporary, Conditional, and Unconditional Admission
- One term limit to have transcript(s) and test score on file.
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Elementary Education - Grades K-6**  
**Certification / Alternative Fifth-Year Program**  
 Graduate Degree Plan / Progress Report  
**45 Semester-Hour Program**

TROY Publication 384-284  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 45 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Completion of PSY 6631 with a "B" or better</li> </ol> |
|---|--|

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
SPE 4400	Classroom Management	3			
SPE 3362	Teaching Math in the K-6 Classroom	3			
RED 4481	Language and Literacy	3			
RED 4482	Language and Literacy II	3			
12 semester hours in each of the following areas: mathematics, science, English/language arts, social sciences					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology (or approved research course in discipline)	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			
RED 6670	Advanced Study of Literacy	3			

**TEACHING FIELD: (15 Semester Hours)** Select 15 SH of adviser approved ELE courses . 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.

		3			
		3			
		3			
		3			
		3			

**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

ELE 6674	Elementary Internship Grades K-6	6			
ELE 5544	Internship Seminar	3			

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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Secondary Education - Grades 6-12**  
**Certification / Alternative Fifth-Year Program**  
 Graduate Degree Plan  
**45 Semester-Hour Program**  
**Teaching Field Options - Biology, History, or Mathematics**

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 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 45 semester hours of credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in PSY 6631                     |

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
XXX 4481	Methods and Materials	3			
PSY 3346	Educational Assessment	3			
SED 4400	Classroom Management	3			
PSY 3303	Educational Psychology	3			

32 semester hours in Teaching Field with 19 of those hours in upper-division courses

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			
RED 6630	Directed Reading Practicum (Secondary & P-12)	3			

**TEACHING FIELD: (15 Semester Hours) Select One of the following:**

- Biology     
  History     
  Mathematics

Select 15 SH of adviser 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.

		3			
		3			
		3			
		3			
		3			

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**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

SED 6695	Secondary Internship Grades 6-12	6			
SED 5544	Internship Seminar	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Secondary Education - Grades 6-12**  
**Certification / Alternative Fifth-Year Program**  
 Graduate Degree Plan

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**45 Semester-Hour Program**  
**Teaching Field Options - English/Language Arts, Social Science, or General Science**

Name		Student ID#		Campus	
Address			Email		

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 45 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Grade of "B" or better in PSY 6631</li> </ol> |
|---|---|

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
XXX 4481	Methods and Materials	3			
PSY 3346	Educational Assessment	3			
SED 4400	Classroom Management	3			
PSY 3303	Educational Psychology	3			
32 semester hours in Teaching Field with 19 of those hours in upper-division courses					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			
RED 6630	Directed Reading Practicum	3			

2014-2015

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**TEACHING FIELD: (15 Semester Hours) Select One of the following:**

- English/Language Arts  
 Select 3 SH in Language or Composition study. Select 12 SH of adviser-approved courses in two of the following areas: English, journalism, speech, drama (theatre). 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.
- Social Science  
 Select 15 SH in 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.
- General Science  
 Select 15 SH of advisor-approved General Science courses in two of the following areas: biology, chemistry, physics, and earth & space 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.

		3			
		3			
		3			
		3			
		3			

**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

SED 6695	Secondary Internship Grades 6-12	6			
SED 5544	Internship Seminar	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Interdisciplinary Education - Grades P-12**  
**Certification / Alternative Fifth Year Program**  
 Graduate Degree Plan / Progress Report  
**45 Semester-Hour Program**

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Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 45 semester hours of credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Grade of "B" or better in PSY 6631                     |

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
XXX 4481	Methods and Materials	3			
PSY 3346	Educational Assessment	3			
SED 4400	Classroom Management	3			
PSY 3303	Educational Psychology	3			
32 semester hours in Teaching Field with 19 of those hours in upper-division courses					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 6603	Planning for the Classroom	3			
PSY 6631	Psychological Foundations of Education	3			
SPE 6630	Collaboration for Inclusion	3			
EDU 6691	Research Methodology ( or approved research course in discipline)	3			
EDU 6653	Educational Evaluation	3			
EDU 6611	Educational Technology in the Curriculum	3			
RED 6630	Directed Reading Practicum (Secondary & P-12)	3			

**TEACHING FIELD: (15 Semester Hours)**

Select One of the following teaching fields:

- Art\*   
  Instrument Music   
  Choral Music   
  Physical Education

Select 15 SH of adviser 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.

\*Students in art education must select ART 6662-Seminar in Art Education as a teaching field course.


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Alt. A - M.S.Ed.: Interdisciplinary Education - P-12  
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**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

IED 6655	Interdisciplinary Internship Grades P-12	6			
IED 5544	Internship Seminar	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisites
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Collaborative Teacher Education - Grades K-6**  
**Certification / Alternative Fifth Year Program**  
 Graduate Degree Plan  
**45 Semester-Hour Program**

TROY Publication 384-287  
 Revised 3/2014  
 Page 1 of 2

Name		Student ID#		Campus	
Address			Email		

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 45 semester hours of credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Completion of PSY 6631 with a "B" or better            |

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
SPE 4400	Classroom Management	3			
SPE 3346	Assessment in Special Education	3			
RED 4482	Language and Literacy II (Grades 4-6)	3			
12 semester hours in each of the following areas: mathematics, science, English/language arts, social sciences					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6631	Psychological Foundations of Education	3			
EDU 6603	Planning for the Classroom	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6691	Research Methodology	3			
SPE 6631	Legal Issues in Special Education	3			
SPE 6632	Assessment and Individual Programming	3			
RED 6670	Advanced Study of Literacy	3			

**TEACHING FIELD: (15 Semester Hours) [At least 8 semester hours must be at the 6000 level]**

SPE 6630	Collaboration for Inclusion	3			
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/ Social Needs	3			
RED 6675	Literacy Instruction for Diverse Populations	3			

**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

SPE 6655	Collaborative Internship (Grades K-6)	6			
SPE 5544	Internship Seminar	3			

2014-2015

Alt. A - M.S. : Collaborative Teacher Education - K-6  
 TROY Publication 384-287  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisistes
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: Collaborative Teacher Education - Grades 6-12**  
**Certification / Alternative Fifth Year Program**  
 Graduate Degree Plan  
**45 Semester-Hour Program**

TROY Publication 384-288  
 Revised 3/2014  
 Page 1 of 2

Name		Student ID#		Campus	
Address			Email		

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 45 semester hours of credit                     | 10. Successfully complete Comprehensive Examination        |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Completion of PSY 6631 with a "B" or better            |

**Prerequisite Undergraduate Courses**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
EDU 3310	Professional Educator	3			
SPE 3340	Diverse Learners	3			
SPE 4400	Classroom Management	3			
SPE 3346	Assessment in Special Education	3			
RED 4484	Language and Literacy IV	3			
12 semester hours in each of the following areas: mathematics, science, English/language arts, social sciences					

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6631	Psychological Foundations of Education	3			
EDU 6603	Planning for the Classroom	3			
EDU 6611	Educational Technology in the Curriculum	3			
EDU 6691	Research Methodology	3			
SPE 6631	Legal Issues in Special Education	3			
SPE 6632	Assessment and Individual Programming	3			
RED 6630	Directed Reading Practicum	3			

**TEACHING FIELD: (15 Semester Hours) [At least 8 semester hours must be at the 6000 level]**

SPE 6630	Collaboration for Inclusion	3			
SPE 6609	Content Enhancement	3			
SPE 6620	Service Delivery Models for Multiple Disabilities	3			
SPE 6616	Teaching Students with Emotional/ Social Needs	3			
RED 6674	Literacy in the Content Area Grades 6-12	3			

**INTERNSHIP & INTERNSHIP SEMINAR: (9 Semester Hours)**

SPE 6654	Collaborative Internship (Grades 6-12)	6			
SPE 5544	Internship Seminar	3			

2014-2015

Alt. A -M.S. : Collaborative Teacher Education - 6-12

TROY Publication 384-288

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**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Prerequisistes
- Admission to the Teacher Education Program (TEP)
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist: Early Childhood Education - Grades P-3**  
 Graduate Degree Plan / Progress Report  
**36-39 Semester-Hour Program**

TROY Publication 384-289  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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 masters level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**DEGREE REQUIREMENTS:**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36-39 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.25 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Thesis/Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> </ol> |
|--|---|

**REQUIRED CORE COURSES: (15 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6693	Psychological and Educational Statistics	3			
ECE 7790	Qualitative Research Methodology	3			
ECE 7793	Problem Analysis in Early Childhood Education	3			
EDU 7709	Seminar in Decision Making for Teachers & Educational Administrators	3			
EDU 7730	The Teacher Leader	3			

**SELECT THESIS OR NON-THESIS OPTION: (3-6 Semester Hours)**

<i>THESIS OPTION (3 - 6 Semester Hours)</i>					
EDU 7795	Thesis (may be repeated)				
<i>NON-THESIS OPTION (6 Semester Hours)</i>					
EDU 7757	Practicum in Area of Specialization	3			
EDU 7760	Leading for Learning in the School Environment	3			

**TEACHING FIELD: (12 Semester Hours)** Select twelve hours of ECE courses. At least six hours must be at the 7000 level.

		3			
		3			
		3			
		3			

**ADVISER-APPROVED ELECTIVES: (6 Semester Hours)** Select 6 SH of adviser approved 7000-level ECE, EDU, ELE, SPE, or RED courses.

		3			
		3			

**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

	Survey Course in Special Education	3			
EDU 6611	Educational Technology in the Curriculum	3			

2014-2015

Education Specialist: Early Childhood Education  
 TROY Publication 384-289  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist: Elementary Education - Grades K-6**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

TROY Publication 384-290  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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 (Grades K-6) at the masters 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 _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.25 or better                           |
| 2. Official transcripts of all academic work       | 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 credit                     | 10. Thesis/Comprehensive Examination                       |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               |  |

**REQUIRED CORE COURSES: (15 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6693	Psychological and Educational Statistics	3			
ELE 7790	Qualitative Research Methodology	3			
ELE 7793	Problem Analysis in Elementary Education	3			
EDU 7709	Seminar in Decision Making for Teachers & Educational Administrators	3			
EDU 7730	The Teacher Leader	3			

**SELECT THESIS OR NON-THESIS OPTION: (6 Semester Hours)**

THESIS OPTION					
EDU 7795	Thesis	1-6			
NON-THESIS OPTION					
EDU 7757	Practicum in Area of Specialization	3			
EDU 7760	Leading for Learning in the School Environment	3			

**TEACHING FIELD: (12 Semester Hours)**

ELE 7736	Mentoring and Supervision in ELE	3			
ELE 7761	Effective Schools	3			
ELE 7762	School Accreditation Process	3			
ELE 7763	Legal Issues and Ethics in Education	3			

**ADVISER APPROVED ELECTIVES : (3 Semester Hours)** Select 3 - 6 SH of 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 6000 level course if it duplicates the same course on the master's transcript.*

		3			
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**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed.*

	Survey Course in Special Education	3			
EDU 6611	Educational Technology in the Curriculum	3			

2014-2015

Education Specialist: Elementary Education  
 TROY Publication 384-290  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Student participation in course and program evaluation
- Petition for an incomplete grade
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist - Instructional Leadership & Administration**  
 Graduate Degree Plan  
**30 Semester-Hour Program**

TROY Publication 384-291  
 Modified 3/2014

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the Education Specialist Degree in Instructional Leadership & Administration **MUST** hold valid Class A certification in Educational Administration or Instructional Leadership & Administration.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
				to	

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 30 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> <li>7. Overall GPA of 3.25 or better</li> </ol> | <ol style="list-style-type: none"> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Thesis/Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Hold an Alabama Class A Professional Educator Certificate in Education Administration or Instructional Leadership</li> <li>13. Successful completion of PRAXIS II in Instructional Leadership &amp; Adm.</li> </ol> |
|---|---|

**REQUIRED COURSES: (30 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
ILA 7700	Adult Learning Theories and Managing Change	3			
ILA 7702	Involving Parents and Community Stakeholders	3			
ILA 7703	Law, Ethics, and Policy Development	3			
ILA 7717	Mentoring	3			
ILA 7740	Creating Effective Learning Environments	3			
ILA 7746	Organization and Human Resource Development	3			
ILA 7791	Current Trends & 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:** *Required Unless Previously Completed*

	Survey Course in Special Education	3			
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**ITEMS TO BE DISCUSSED:**

- Admission to Graduate Teacher Education Program (GTEP)
- Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- PRAXIS II in Instructional Leadership & Administration
- Application for teacher certification

- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist - Teacher Leader**  
 Graduate Degree Plan  
**30 Semester-Hour Program**

TROY Publication 384-253  
 Created 3/2014

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach 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 area of instructional support.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period to	Issuing Date

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 30 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> <li>7. Overall GPA of 3.25 or better</li> </ul> | <ul style="list-style-type: none"> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Thesis/Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Hold an Alabama Class A Professional Educator Certificate in any teaching field or area of instructional support.</li> <li>13. Successfully complete PRAXIS II in Teacher Leader</li> </ul> |
|---|---|

**REQUIRED COURSES: (30 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
TL 7700	Adult Learning Theories and Managing Change	3			
TL 7702	Involving Parents and Community Stakeholders	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:** *Required Unless Previously Completed*

	Survey Course in Special Education	3			
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**ITEMS TO BE DISCUSSED:**

- Admission to Graduate Teacher Education Program (GTPE)
- Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- PRAXIS II in Teacher Leader
- Application for teacher certification

Degree Requirements

Other

ADMISSION STATUS:	DATE	INITIALS
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist : School Counseling**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

TROY Publication 384-292  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the Education Specialist Degree in School Counseling **MUST** hold valid certification in School Counseling the master's level.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.25 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Thesis/Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (12 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CP 6656	Marriage, Family and Sex Therapy Counseling	3			
CP 7700	Advanced Practicum in Group Leadership	3			
CP 7702	Advanced Theories and Techniques of Counseling	3			
PSY 6669	Behavior Pathology	3			

**RESEARCH COURSE: (3 Semester Hours) Select one of the following:**

PSY 6693	Psychological & Educational Statistics	3			
EDU 6693	Quantitative Methods of Evaluation of Teaching & Learning	3			
EDU 7792	Advanced Research in Education	3			

**FIELD PROJECT OR THESIS: (3- 6 Semester Hours)**

CP 7791/7792/7793	Research Seminar	1-3			
CP 7794	Field Project	3			
CP 7795, 7796	Thesis	3-6			

**ADVISER APPROVED ELECTIVES: (15-18 Semester Hours)** All coursework applied toward Ed.S. degree program must be earned at the 6000 level or above. Courses applied toward certification at the masters level may not be applied at the Ed.S. level.

		3			
		3			
		3			
		3			
		3			

**SURVEY COURSE IN SPECIAL EDUCATION: *Required Unless Previously Completed***

	Survey Course in Special Education	3			
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2014-2015

Education Specialist : School Counseling  
 TROY Publication 384-292  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist : School Psychology (Dothan Only)**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

TROY Publication 384-293  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the Education Specialist Degree Program in School Psychology **MUST** hold valid certification in School Psychology at the masters level, AND must hold valid baccalaureate-level professional educator certification in a teaching field.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.25 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Thesis/Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (18 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6635	Vocational Psychology & Career Development	3			
CP 6644	Community Counseling Services	3			
CP 6651	Counseling Diverse Populations	3			
PSY 6693	Psychological & Educational Statistics	3			
PSY 6669	Behavior Pathology	3			
PSY 7700	Professional School Psychology	3			

**SELECT ONE: (3 Semester Hours)**

PSY 6633	Advanced Psychology of Learning	3			
PSY 6631	Psychological Foundations of Education	3			

**SELECT ONE: (3 Semester Hours)**

CP 6641	School Counseling & Program Management	3			
	<i>Adviser Approved Elective in Instructional Leadership</i>	3			

**SELECT TWO: (6 Semester Hours of Adviser Approved Electives)** All coursework applied toward Ed.S. degree program must be earned at the 6000 level or above. Courses applied toward certification at the masters level may not be applied at the Ed.S. level.

CP 7702	Advanced Theories & Techniques of Counseling	3			
SPE 6630	Collaboration for Inclusion	3			
SPE 6631	Legal Issues in Special Education	3			
SPE 6632	Assessment & Individual Programming	3			
PSY 7794	Field Project	3			
PSY 7795	Thesis	3			

**INTERNSHIP: (3 -6 Semester Hours)**

PSY 7753,7754,7755	Internship: School Psychology				
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**SURVEY COURSE IN SPECIAL EDUCATION:** *Required Unless Previously Completed*

	Survey Course in Special Education	3			
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2014-2015

Education Specialist : School Psychology (Dothan Only)

TROY Publication 384-293

Revised 3/2014

Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- Admission to Graduate Teacher Education Program (GTEP)
- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Internship
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		
	TEST CODE	SCORE
Praxis II		

2014-2015

**TROY UNIVERSITY**  
 Master of Science  
**ADULT EDUCATION - NON-CERTIFICATION PROGRAM**  
 Graduate Degree Plan  
**33/36 Semester Hour Program**

TROY Publication 384-294  
 Revised 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores admitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 30 - 36 Semester hours of credit</li> <li>5. Meet residency requirements</li> </ul> | <ul style="list-style-type: none"> <li>6. No more than two grades below "B"</li> <li>7. Overall GPA of 3.0</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Intent to Graduate filed</li> </ul> |
|--|--|

**REQUIRED CORE COURSES:** (12 Semester Hours)

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 Semester Hours) *See Graduate Catalog for list of required courses and approved electives for the selected concentration.*

- Curriculum & Instructional Design  
  Instructional Technology  
  Leadership Studies

		3			
		3			
		3			
		3			
		3			
		3			

**CAPSTONE OPTION\*:** *Complete 18 sh of selected concentration courses plus Capstone course.*

ADE 6699	Capstone	3			
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**THESIS OPTION\*:** *Complete 18 sh of selected concentration courses plus thesis courses. \* Not available to eTROY students.*

ADE 6695	Thesis (register for 1-6 hours each term/semester)	6			
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**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		

2014-2015

TROY Publication 384-295  
Revised 3/2014  
1 of 2

**TROY UNIVERSITY**  
**Master of Science in Second Language Instruction**  
 Graduate Degree Plan and Progress Record  
**31-33 Semester-Hour Program**

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

**DEGREE REQUIREMENTS:**

1. Bachelor's degree and evidence of excellence in language skills
2. Official transcript of all academic work
3. GRE or MAT score
4. 31-33 Hours of course work
5. Two letters of recommendation
6. No more than two grades below "B"
7. Overall GPA of 3.0 to graduate
8. All credit earned within 8 years of graduation

**REQUIRED CORE COURSES** (27 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YEAR	TRANSFER CREDIT
SL 6610	Survey of SLA for SL Teachers	3			
SL 6615	Introduction to Linguistics	3			
SL 6620	Survey of Sociolinguistics for Second Language Teachers	3			
SL 6630	Principles, Technique, and Materials in SL Teaching	3			
SL 6635	Methods and Approaches in SL Teaching	3			
SL 6640	Teaching Language Skills	3			
SL 6645	Grammar	3			
SL 6653	Assessment and Evaluation	3			
SL 6691	Research Methodology	3			

**CAPSTONE OPTION** (4-6 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SL 6696	Practicum	1-3			
SL 6699	Capstone	3			

**CAPSTONE OPTION** (4-6 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SL 6696	Practicum	1-3			
SL 6695	Thesis	3			

2014-2015

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
 Master of Science  
**Post-Secondary Education - NON-CERTIFICATION PROGRAM**  
 Graduate Degree Plan  
**Option I - 36 Semester-Hour Program**  
**Teaching English to Students of Other Languages (TESOL) Concentration**

TROY Publications 384-296  
 Revised 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |   |
|--|---|
| 1. GRE, or equivalent exam, test scores admitted | 6. No more than two grades below "B"              |
| 2. Official transcript of all academic work      | 7. Overall GPA of 3.0                             |
| 3. Unconditional Admission                       | 8. Completion of research requirement with a "B"  |
| 4. 36 Semester hours of credit                   | 9. All credit earned within 8 years of graduation |
| 5. Meet residency requirements                   | 10. Intent to Graduate filed                      |

**REQUIRED CORE COURSES:** (12 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSE 6660	Trends and Issues in Adult Education	3			
PSE 6670	Psychological Foundations of the Adult Learner	3			
PSE 6680	Curriculum Development for Adult Education	3			
PSE 6691	Research Methodology	3			

**SELECT THESIS TRACK OR NON-THESIS TRACK:** (6 Semester Hours)

PSE 6695	Thesis	6			
PSE 6665	Field Project in Post Secondary Education	3			
PSE 6699	Capstone in Post Secondary Education	3			

**CONCENTRATION- TESOL:** (18 Semester Hours)

ENG 5568	Methods and Approaches in Second Language Teaching	3			
ENG 5569	Principles, Techniques and Materials in Second Language Teaching	3			
ENG 6660	Introduction to Applied Linguistics	3			
ENG 6696	Practicum	3			
ENG 6630	Survey of SLA for Second Language Teachers	3			
ENG 6631	Survey of Sociolinguistics for Second Language Teachers	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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. Concentration areas
- 10. Sequence of courses
- 11. The MSPSE does not lead to any type of recommendation for teacher certification
- 12. Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
 Master of Science  
**Post-Secondary Education - NON-CERTIFICATION PROGRAM**  
 Graduate Degree Plan  
**Option II - 30 Semester-Hour Program**  
**Teaching English to Students of Other Languages (TESOL) Concentration**

TROY Publication 384-297  
 Revised 3/2014

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
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"
9. All credit earned within 8 years of graduation
10. Intent to Graduate filed
11. Comprehensive Exam

**REQUIRED CORE COURSES:** (12 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSE 6660	Trends and Issues in Adult Education	3			
PSE 6670	Psychological Foundations of the Adult Learner	3			
PSE 6680	Curriculum Development for Adult Education	3			
PSE 6691	Research Methodology	3			

**CONCENTRATION-TESOL:** (18 Semester Hours)

ENG 5568	Methods and Approaches in Second Language Teaching	3			
ENG 5569	Principles, Techniques and Materials in Second Language Teaching	3			
ENG 6660	Introduction to Applied Linguistics	3			
ENG 6696	Practicum	3			
ENG 6630	Survey of SLA for Second Language Teachers	3			
ENG 6631	Survey of Sociolinguistics for Second Language Teachers	3			

**ITEMS TO BE DISCUSSED:**

1. One term limit to have transcript(s) and test scores 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. Concentration areas
10. Sequence of courses
11. The MSPSE does not lead to any type of recommendation for teacher certification
12. Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**Education Specialist: Community Counseling NON-CERTIFICATION PROGRAM**  
 Graduate Degree Plan and Progress Record  
**30 Semester-Hour Program**

TROY Publication 384-298  
 Revised: 3/2014

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 30 semester hours of credit                     | 10. Thesis/Comprehensive Examination                       |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               |  |

**REQUIRED CORE COURSES: (15-18 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CP 7702	Advanced Theories and Techniques of Counseling	3			
CP 7700	Advanced Practicum in Group Leadership	3			
CP 7753,54,55	Internship: Advanced Counseling (1-6 SH)				
CP 7791,92,93	Research Seminar (1-3 SH)				
CP 7794, 95	Field Project OR Thesis (3-6 SH)				
PSY 6693	Psychological and Educational Statistics	3			

**APPROVED ELECTIVES: (15 Semester Hours)** All coursework applied toward Ed.S. degree program must be earned at the 6000 level or above.

		3			
		3			
		3			
		3			
		3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Application for teacher certification
- Degree Requirements
- Other

ADMISSION STATUS:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE - CLINICAL MENTAL HEALTH COUNSELING**  
 Graduate Degree Plan  
**60 Semester-Hour Program**

TROY Publication 384-299  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 60 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete the Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (51 Semester Hours)**

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	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	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 Semester Hours)**

OPTION I \* (\*Required Option for Licensure in Florida)

*CP 6634	Drug Education, Prevention and Intervention	3			
	Adviser Approved Elective	3			
	Adviser Approved Elective	3			

OR

OPTION II

	Adviser Approved Elective	3			
	Adviser Approved Elective	3			
	Adviser Approved Elective	3			

2014-2015

Master of Science: Clinical Mental Health Counseling  
 TROY Publication 384-299  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Admission to Counseling Program
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Complete interview and other counseling requirements
- Degree Requirements
- Other

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE - REHABILITATION COUNSELING**  
 Graduate Degree Plan  
**48 Semester-Hour Program**

TROY Publication 384-300  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 48 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete the Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (45 Semester Hours)**

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	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 (300 hours)	3			
CP 6671	Internship: Rehabilitation Counseling (300 hours)	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	3			
PSY 6668	Human Lifespan and Development	3			
PSY 6688	Medical/Psychosocial Aspects of Disability	3			

**SELECT ONE: (3 Semester Hours)**

PSY 6664	Assessment of Disabling Conditions	3			
CP 6687	Placement of Special Disability Groups	3			
CP 6680	Seminar: Counseling Approaches to Working with Hearing Impairments	3			
CP 6681	Seminar: Counseling Approaches to Working with Visual Impairments	3			
	Adviser Approved Elective in Rehabilitation Counseling	3			

2014-2015

Master of Science: Rehabilitation Counseling  
 TROY Publication 384-300  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Admission to Counseling Program
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Admission to the Graduate Teacher Education Program (GTEP)
- Application for teacher certification
- Complete interview and other counseling requirements
- Degree Requirements
- Other

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

2014-2015

**TROY UNIVERSITY**  
**M.S.Ed.: SCHOOL COUNSELING**  
 Graduate Degree Plan  
**48 Semester-Hour Program**

TROY Publication 384-301  
 Revised 3/2014  
 Page 1 of 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 attach a copy of each to this degree plan.

Certificate Type/Class	Discipline	Hrs	Grade Level	Valid Period	Issuing Date
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____
_____	_____	_____	_____	_____ to _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 48 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> <li>7. Overall GPA of 3.0 or better</li> </ol> | <ol style="list-style-type: none"> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete the Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> <li>13. Two years of professional experience (Certification requirement)</li> </ol> |
|--|--|

**REQUIRED CORE COURSES: (45 Semester Hours)**

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 6641	School Counseling Program Management	3			
CP 6642	Group Dynamics and Counseling	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	3			
PSY 6668	Human Lifespan and Development	3			
CP 6650	Practicum (100 hours)	3			
CP 6657	Internship: School Counseling (300 hours)	3			
CP6658	Internship: School Counseling (300 hours)	3			

**ELECTIVE (3 Semester Hours)**

	3			
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**ADDITIONAL CERTIFICATION REQUIREMENTS:** *Only if not previously completed*

Special Education Survey Course	3			
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2014-2015

M.S.Ed.: School Counseling  
 TROY Publication 384-301  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Admission to Counseling Program
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Application for teacher certification
- Complete interview and other counseling requirements
- Degree Requirements
- Other

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		
	Test Code	Score
Praxis II		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE - SCHOOL PSYCHOMETRY**  
 Graduate Degree Plan  
**36 Semester-Hour Program**

TROY Publication 384-302  
 Revised 3/2014  
 Page 1 of 2

Name  Student ID#  Campus   
 Address  Email

**CERTIFICATION VERIFICATION:** List all professional educator certificates held and attach a copy of each to this degree plan. Candidates for the M.S. in School Psychometry **MUST** hold valid professional educator certification at the bachelor'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 _____	_____

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 48 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> <li>7. Overall GPA of 3.0 or better</li> </ol> | <ol style="list-style-type: none"> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete the Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> <li>13. Two years of professional experience (Certification requirement)</li> </ol> |
|--|--|

**REQUIRED CORE COURSES: (21 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PSY 6636	Wechsler Scales	3			
PSY 6637	Stanford Binet and Others	3			
PSY 6645	Evaluation and Assessment of the Individual	3			
PSY 6650	Practicum: Psychometry	3			
PSY 6662	Internship: Psychometry	3			
PSY 6668	Human Lifespan and Development	3			
CP 6691	Research Methodology	3			

**SELECT ONE: (3 Semester Hours)**

CP 6600	Professional Orientation and Ethics	3			
CP 6610	Facilitation Skills and Counseling Techniques	3			
CP 6649	Theories of Counseling	3			

**SELECT ONE: (3 Semester Hours)**

PSY 5559	Applied Behavior Analysis	3			
PSY 6659	Cognitive and Behavioral Interventions	3			

**SELECT THREE: (9 Semester Hours)**

PSY 6606	Interventions for Children and Adolescents	3			
PSY 6638	Philosophy of Cognitive Development	3			
PSY 6653	Measurement and Evaluation	3			
CP 6651	Counseling Diverse Populations	3			

**ADDITIONAL CERTIFICATION REQUIREMENTS: (Only if not previously completed)**

	Special Education Survey Course	3			
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2014-2015

Master of Science: School Psychometry  
 TROY Publication 384-302  
 Revised 3/2014  
 Page 2 of 2

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Admission to Counseling Program
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Required examinations for certification
- Admission to the Graduate Teacher Education Program (GTEP)
- Application for teacher certification
- Complete interview and other counseling requirements
- Degree Requirements
- Other

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		
	Test Code	Score
Praxis II		



2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE - STUDENT AFFAIRS COUNSELING**  
 Graduate Degree Plan  
**48 Semester-Hour Program**

TROY Publication 384-304  
 Revised 3/2014

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted. | 7. Overall GPA of 3.0 or better                            |
| 2. Official transcripts of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 9. All credit earned within 8 years of graduation          |
| 4. 48 semester hours of credit                     | 10. Successfully complete the Comprehensive Examination    |
| 5. Meet residency requirement                      | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"               | 12. Complete all counseling program requirements           |

**REQUIRED CORE COURSES: (48 Semester Hours)**

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 6636	Foundations of Student Affairs	3			
CP 6637	Administration of Student Affairs Programs	3			
CP 6638	Internship: Student Affairs Counseling (300 hours)	3			
CP 6639	Internship: Student Affairs Counseling (300 hours)	3			
CP 6642	Group Dynamics and Counseling	3			
CP 6649	Theories of Counseling	3			
CP 6650	Practicum (100 hours)	3			
CP 6651	Counseling Diverse Populations	3			
CP 6691	Research Methodology	3			
PSY 6635	Vocational Psychology and Career Development	3			
PSY 6645	Evaluation and Assessment of the Individual	3			
PSY 6668	Human Lifespan and Development	3			
	Adviser Approved Elective	3			
	Adviser Approved Elective	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation
- Complete interview and other counseling requirements
- Other

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

2014-2015

**TROY UNIVERSITY**  
**MASTER OF SCIENCE - SUBSTANCE ABUSE COUNSELING**  
 Graduate Degree Plan  
**48 Semester-Hour Program**

TROY Publication 384-305  
 Revised 3/2014

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 48 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete the Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (39 Semester Hours)**

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	3			
CP 6649	Theories of Counseling	3			
CP 6650	Practicum (100 hours)	3			
CP 6651	Counseling Diverse Populations	3			
CP 6665	Internship: Addictions Counseling (300 hours)	3			
CP 6666	Internship: Addictions Counseling (300 hours)	3			
CP 6691	Research Methodology	3			
PSY 6635	Vocational Psychology and Career Development	3			
PSY 6645	Evaluation and Assessment of the Individual	3			
PSY 6668	Human Lifespan and Development	3			
PSY 6669	Behavior Psychology	3			

**SELECT THREE: (9 Semester Hours)**

PSY 6610	Physiological Dynamics of Alcohol and Other Drugs	3			
CP 6634	Drug Education, Prevention, and Intervention	3			
CP 6616	Treatment of Addictive Family Diseases	3			
CP 6617	Treatment Theories and Modalities of Addictive Diseases	3			
CP 6602	Seminar in the Prevention/Treatment of Chemical Dependency	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

2014-2015

**TROY UNIVERSITY**  
**GRADUATE CERTIFICATE IN ADDICTIONS COUNSELING**  
**Certificate Plan and Progress Record**  
**Certificate Verification**  
**15 Semester-Hours**

TROY Publication 384-306  
 Revised 3/2014

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted.</li> <li>2. Official transcripts of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 48 semester hours of credit</li> <li>5. Meet residency requirement</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0 or better</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully complete Comprehensive Examination</li> <li>11. Intent to Graduate filed</li> <li>12. Complete all counseling program requirements</li> </ol> |
|---|---|

**REQUIRED CORE COURSES: (39 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CP 6665	Internship: Addictions Counseling (300 hours)	3			
CP 6666	Internship: Addictions Counseling (300 hours)	3			

**SELECT THREE: (9 Semester Hours)**

CP 6602	Seminar in the Prevention/Treatment of Chemical Dependency	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:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

2014-2015

**TROY UNIVERSITY**  
**POST MASTER'S CERTIFICATE IN CLINICAL MENTAL HEALTH COUNSELING**  
**Certificate Plan and Progress Record**  
**Certificate Verification**  
**15 Semester-Hours**

TROY Publication 384-307  
 Revised 3/2014

Name  Student ID#  Campus   
 Address  Email

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| 1. 48 Hours Master's degree in Counseling previously earned | 7. Overall GPA of 3.0 or better                       |
| 2. Official transcripts of all academic work                | 8. Letter of intent, admission interview, and resume  |
| 3. Unconditional Admission                                  | 9. All credit earned within 8 years of graduation     |
| 4. 15 semester hours of credit                              | 10. Recent passing score on the CPCE or NCE submitted |
| 5. Two letters of professional reference                    | 11. Intent to Graduate filed                          |
| 6. No more than two grades below "B"                        |   |

**REQUIRED CORE COURSES: (6 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CP 6650	Practicum: Clinical Mental Health Counseling (100 hours)	3			
CP 6661	Internship: Clinical Mental Health Counseling (300 hours)	3			

Students who have previously taken CP 6650 may take an additional advisor approved elective.

**ELECTIVES: (9 Semester Hours)**

CP 6601	Legal, Ethical, and Professional Standards	3			
CP 6605	Foundations of Mental Health Counseling	3			
CP 7740	Theories of Counseling Supervision	3			
PSY 6644	Bio-Psychology	3			
PSY 6670	Diagnosis and Treatment Planning	3			

**ITEMS TO BE DISCUSSED:**

- One term limit to have transcript(s) and test score on file.
- Temporary, Conditional, and Unconditional Admission
- Available faculty for academic advisement
- Petition for transfer credit once unconditionally admitted
- Class Attendance
- Drop & Withdrawal procedure, deadline and consequences
- Petition for an incomplete grade
- Student participation in course and program evaluation

**ADMISSION STATUS:**

Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

## COLLEGE OF HEALTH & HUMAN SERVICES

The College of Health and Human Services 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: Informatics and Fam-

ily Nurse Practitioner. For the nurse who already holds a MSN degree, a post master's certificate option is offered in Family Nurse Practitioner. The School of Nursing also offers post baccalaureate and post master entry options into the Doctor of Nursing Practice (DNP). Post baccalaureate DNP students enter the Family Nurse Practitioner track.

The College of Health and Human Service also offers through its School of Hospitality, Sport, and Tourism Management a Master of Science in Sport and Fitness Management, and a Doctor of Philosophy in Sport Management (Pending Approval).

Degree Program	Dothan Campus	Montgomery Campus	Phenix City Campus	Troy Campus	Global Campus*	eTROY
Master of Science in Nursing	X^	X^	X^	X^		
Doctor of Nursing Practice	X^	X^	X^	X^		
<b>Master of Science in Sport &amp; Fitness Management</b>						
Athletic Administration				X		X
Coaching				X		X
Exercise Science				X		
Doctor of Philosophy in Sport Management (Pending Approval)						X
Master of Social Work	X					

\* Please refer to <http://admissions.troy.edu/> for specific program availability by location.

^ All courses are offered online in 16-week semesters.

### MASTER OF SCIENCE IN NURSING (M.S.N.)

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 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. A post MSN certificate options is offered in Family Nurse Practitioner. The MSN program is offered online with faculty based on the Troy, Montgomery, Dothan, and Phenix City campuses in Alabama.

#### MSN Student Learning Outcomes

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

1. Incorporate advanced knowledge and theories from nursing and related disciplines to continually improve nursing care across diverse settings;
2. Integrate leadership, management and education principles into advanced nursing care that utilizes ethical and critical

decision-making;

3. Apply the evolving standards and principles of quality improvement and safety for advanced nursing within a defined setting;
4. Evaluate research outcomes and current evidence in conjunction with culturally-appropriate, patient-centered care for the purpose of selectively integrating research findings into the practice setting;
5. Manage informatics and communication technologies to enhance, integrate, and coordinate appropriate patient care;
6. Develop interdisciplinary advocacy strategies to impact healthcare policy at the system level;
7. Communicate, collaborate and consult as a leader and member of intraprofessional and interprofessional teams for improvement of health care outcomes;
8. Integrate clinical prevention interventions for the provision of culturally responsive advanced nursing care to individuals and populations in a global society;
9. Demonstrate role competencies in a specialized area of advanced nursing practice at the master's level.

#### Accreditation

The School of Nursing MSN Program is accredited by the Accred-

itation Commission for Education in Nursing, 3343 Peachtree Rd. NE, Suite 850, Atlanta, GA, 30326.

### **Prerequisite Requirements**

Candidates for admission must hold the baccalaureate degree in nursing.

### **Admission Requirements**

*Note: Meeting minimal admission requirements does not assure admission.*

#### **Application Deadlines:**

- May 1 for Fall Semester
- October 1 for Spring Semester
- March 1 for Summer Semester

#### **Unconditional Admission**

1. Hold a baccalaureate degree in nursing (BSN) from a regionally accredited university and a nationally accredited nursing program (NLNAC or CCNE). 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. Score of 396 or higher on the Miller's Analogy Test (MAT) or score of 290 on Graduate Record Exam (850 on the old exam) (verbal plus quantitative). GRE or MAT required;
4. Current RN licensure;
5. Undergraduate health assessment course or the equivalent.
6. Two letters of professional reference;
7. 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 (NLNAC or CCNE). 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. Score of 380 on the MAT or score of 277 on the GRE (650 on the old exam) (verbal plus quantitative). GRE or MAT required.
4. One or more years of clinical experience as an RN; or graduate study without a graduate degree in nursing or another discipline, and a graduate GPA of 3.0 on a 4.0 scale.
5. Current RN licensure.
6. Undergraduate health assessment course or the equivalent.
7. Two letters of professional reference.
8. 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.*

### **Admission Requirements for Post-Masters Certificate Option**

1. Graduate of a nationally accredited MSN Program (NLNAC or CCNE).
2. Current unencumbered RN licensure in the state in which the student plans to have clinical experiences.
3. Two letters of professional reference.
4. Minimum of one year experience as a registered nurse.

### **Transfer Credit**

A maximum of six 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 and Human Services 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 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.*

### **Requirements for Students in Clinical Courses**

All students must maintain RN licensure, current CPR certification, professional liability insurance, proof of annual physical examination and 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 Communicable Disease Center (CDC) and Occupational Safety and Health Administration (OSHA) guidelines.

#### *Laboratory Fees for the MSN Program:*

NSG 6618, 6696, 6697	\$ 37.50
NSG 6613, 6666, 6668	\$ 67.50
NSG 6636, 6680	\$180.00

*Note: Fees subject to change annually*

### **Curriculum**

#### **FAMILY NURSE PRACTITIONER (FNP) TRACK**

**Minimum Total Hours: 47**

#### **Required Core Courses (13 sh)**

##### *Nursing Core Courses*

NSG 6604	2	Theories in Nursing
NSG 6605	2	Healthcare Economics
NSG 6660	2	Foundations of Advanced Practice

*Research Courses*

NSG 6691	3	Research Methodology
NSG 6692	2	Data Analysis Techniques in 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
NSG 6666	3	Primary Care I Preceptorship
NSG 6667	3	Primary Care II
NSG 6668	3	Primary Care II Preceptorship
NSG 6671	3	Advanced Pathophysiology

*Role Courses (6 hrs)\**

NSG 6670	1	Role Synthesis Seminar
NSG 6680	5	Family Nurse Practitioner Internship

*Synthesis and Evaluation (1hr)*

NSG 6655	1	Synthesis and Evaluation of Advanced Nursing Practice
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*Optional*

NSG 6695	1-4	Thesis
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**NURSING INFORMATICS SPECIALIST TRACK****Minimum Total Hours: 34***Required Core Courses (13 sh)**Nursing Core Courses*

NSG 6604	2	Theories in Nursing
NSG 6605	2	Healthcare Economics
NSG 6660	2	Foundations of Advanced Practice

*Research Courses*

NSG 6691	3	Research Methodology
NSG 6692	2	Data Analysis Techniques in Research
NSG 6696	1	Scholarly Inquiry Practicum I
NSG 6697	1	Scholarly Inquiry Practicum II

*Nursing Specialty Courses (11 sh)*

NSG 6631	3	Concepts of Health Care Informatics
NSG 6632	2	Theoretical Foundations of Nursing Informatics
NSG 6633	3	Health Care Information Systems
NSG 6635	3	Informatics Applications

*Nursing Role Courses (6 sh)*

NSG 6634	2	Role of the Nursing Informatics Specialist
NSG 6636	4	Nursing Informatics Internship

*Elective (3 sh)*

Any 5000/6000 Approved Elective

*Synthesis and Evaluation (1 hr)*

NSG 6655	1	Synthesis and Evaluation of Advanced Nursing Practice
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*Optional*

NSG 6695	1-4	Thesis
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## GRADUATE CERTIFICATE OF HEALTH PRACTICE MANAGEMENT (OFFERED THROUGH THE SORRELL COLLEGE OF BUSINESS)

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The Graduate Certificate in Health Practice Management prepares the student with the underlying business knowledge and skills required to manage a contemporary health care practice/clinic enterprise. The curriculum addresses health care economics and financial management, reimbursement for services, law and health care policy, business case analysis, data base management, and small business practice management.

The Graduate Certificate in Health Practice Management consists of two semesters/four courses offered by Troy University's Sorrell College of Business and requires 12 semester hours for completion. Students will be accepted into the program only in the fall semester and can complete the program in two semesters (fall, spring). The program is offered totally online and is open to graduate students enrolled in any graduate business program, students with a completed M.S. in Nursing and students enrolled in the Doctor of Nursing Practice program. There is not a certification exam available with completion of this certificate.

**Accreditation**

The Sorrell College of Business is accredited by the Accreditation Council of for Business Schools and Programs (ACBSP).

**Admissions Requirements:**

All certificate students must be admitted to the graduate school.

**Course Requirements**

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

BUS 6600	3	Survey of Business Concepts
HSA 6680	3	Health Services Administration and Policy
HSA 6681	3	Legal and Social Issues in Health Administration
HSA 6683	3	Healthcare Economics

**Other Requirements**

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

- Certification Intent
- Copy of student transcript

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## POST-MASTER'S CERTIFICATE OPTIONS

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### Mission Statement

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. 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.

### Accreditation

The School of Nursing MSN Program is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Rd. NE, Suite 850, Atlanta, GA, 30326.

### Admission Requirements

1. Graduate of nationally accredited MSN Program (NLNAC or CCNE).
2. Current unencumbered RN licensure in the state in which the student plans to have clinical experiences.
3. Two letters of professional reference.
4. Minimum of one year experience as a registered nurse.

### Curriculum

#### FAMILY NURSE PRACTITIONER OPTION

**Minimum Semesters: 5**

**Minimum Total Hours: 33 sh, 705 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 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 will be accepted into the program only in fall semester and can complete the program in two and a half years or five semesters attending fall and spring semesters. The program is offered totally online and would be open to graduate students who have complete an MSN program and meet the requirements provided below for admission. There is a certification exam available with completion of this certificate.

#### Accreditation

The School of Nursing Master of Science in Nursing program is accredited by the Accreditation Commission for Education in Nursing, Inc., 3343 Peachtree Rd. NE, Suite 850, Atlanta, GA 30326.

#### Admission Requirements

1. Graduate of nationally accredited MSN program (ACEN, NLNAC or CCNE).
2. Current unencumbered RN licensure in the state in which the

student plans to have clinical experiences.

3. Two letters of professional reference.
4. Minimum of one year experience as a registered nurse.

#### 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
NSG 6666	3	Primary Care I Preceptorship
NSG 6667	3	Primary Care II
NSG 6668	3	Primary Care II Preceptorship
NSG 6671	3	Advanced Pathophysiology

#### Required Role Courses (6 sh)

NSG 6670	1	Role Synthesis Seminar
NSG 6680	5	Family Nurse Practitioner Internship

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## DOCTOR OF NURSING PRACTICE (DNP)

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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:

1. Evaluate advanced knowledge and theories from nursing and related disciplines for advanced practice nursing at the highest level.
2. Design quality, cost effective and innovative nursing care models based on the knowledge of interrelationships among nursing, organizational, political, and economic sciences.
3. Incorporate systems engineering concepts to prevent and solve complex health care delivery problems.
4. Translate research to transform nursing practice and support evidence-based nursing practice for diverse patient populations and organizations.
5. Provide leadership in the integration of technology and information systems for quality improvements in patient care and healthcare systems.
6. Develop effective practice standards for managing ethical issues inherent in patient care, health care organizations and research.
7. Initiate changes in health care systems through the design and implementation of health policies that strengthen the health care delivery system.
8. Evaluate system responses to health and illness as a basis for clinical prevention and population health services in rural and urban settings within a global market.
9. Demonstrate role competencies in a specialized area of advanced practice nursing as a Doctor of Nursing Practice.

## Accreditation

The School of Nursing DNP Program is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Rd. NE, Suite 850, Atlanta, GA, 30326.

## 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. To be considered for unconditional admission to the DNP program the applicant must:

1. Hold the required degree from a nationally-accredited program (NLNAC or CCNE). 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 an official transcripts for all post-secondary academic study
4. Earn a minimum GRE score of 294. *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 by the Nursing Graduate Admissions Committee
8. Submit a 800 to 1000 word essay describing professional goals and how completion of the DNP program will enhance future roles and practice.
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 (CNS or FNP only) 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 post-MSN applicants.*

## Transfer Credit

After DNP Coordinator evaluation of course syllabi, a maximum of 12 credit hours of coursework may be accepted from only an existing Master of Science in Nursing towards the 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 & Data Mgmt.

NSG 8804	3	Policy & Politics in Healthcare
NSG 8805	3	Principles of Epidemiology
NSG 8822	2	Leadership in Organizations & Systems
NSG 8824	2	Bioethical Issues in Healthcare
NSG 8826	2	Diversity & Social Issues in Healthcare

#### Advanced Nursing Specialty (24 sh)

NSG 6612	3	Advanced Health Assessment
NSG 6613	3	Advanced Health Assessment Preceptorship for FNP
NSG 6649	3	Advanced Pharmacology
NSG 6671	3	Advanced Pathophysiology
NSG 6665	3	Primary Care I
NSG 6666	3	Primary Care I Preceptorship
NSG 6667	3	Primary Care II
NSG 6668	3	Primary Care II Preceptorship

#### Scholarly Inquiry Methods for Evidence-based Practice (12 sh)

NSG 6691	3	Research Methodology
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	DNP Synthesis Project Dissemination
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**Total Hours: 70-74**

**Advising Notes: 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 & Data Mgmt.
NSG 8804	3	Policy & Politics in Healthcare
NSG 8805	3	Principles of Epidemiology
NSG 8822	2	Leadership in Organizations & Systems
NSG 8824	2	Bioethical Issues in Healthcare
NSG 8826	2	Diversity & Social Issues in Healthcare

#### Advanced Nursing Specialty (24 sh)

NSG 6612	3	Advanced Health Assessment
NSG 6613	3	Advanced Health Assessment Preceptorship for FNP
NSG 6649	3	Advanced Pharmacology
NSG 6671	3	Advanced Pathophysiology

NSG 6665	3	Primary Care I
NSG 6666	3	Primary Care I Preceptorship
NSG 6667	3	Primary Care II
NSG 6668	3	Primary Care II Preceptorship

**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
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**Total Hours: 65-69****DOCTOR OF NURSING PRACTICE (DNP)  
POST MASTERS PROGRAM****Minimum Total Hours: 35****Advanced Nursing Core (15 sh)**

NSG 8801	3	Healthcare Informatics & Data Management
NSG 8804	3	Policy & Politics in Healthcare
NSG 8805	3	Principles of Epidemiology
NSG 8822	2	Leadership in Organizations & Systems
NSG 8824	2	Bioethical Issues in Healthcare
NSG 8826	2	Diversity & Social Issues in Healthcare

**Scholarly Inquiry Methods for Evidence-based Practice (9 hrs)**

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 hrs)**

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 Evaluations (3 hrs)**

NSG 8850	3	Dissemination
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**Total Hours: 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 Communicable Disease Center (CDC) and Occupational Safety and Health Administration (OSHA) guidelines.

**Laboratory Fees for the DNP Program:**

NSG 6618, 6696, 6697	\$ 37.50
NSG 6613, 6621, 6623, 6641, 6643, 6666, 6668	\$ 67.50
NSG 6615, 6617	\$105.00
NSG 6636, 6680	\$180.00
NSG 8810, 8820, 8830, 8840	\$225.00

**Progression**

DNP students must achieve a grade of "B" or better in NSG 6691 Research Methodology (if BSN-DNP) and NSG 8812 Foundations of Evidence-Based Practice in order to meet Graduate School requirements.

Students who earn a grade of "C" or less in more than one 8000 level course must repeat the second course and achieve a grade of "B" or higher. If the course to be repeated is a prerequisite for a subsequent course, the student may not progress. If two grades of "C" are earned in the same semester, the DNP Program Coordinator will select the course to be repeated.

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 defending 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 defending 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**

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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**

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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.

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## **MASTER OF SCIENCE IN SPORT AND FITNESS MANAGEMENT**

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The Sport and Fitness Management 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 in the Standards for an Accredited Educational Program by the North American Society for Sport Management.

Students are provided with classroom, laboratory and clinical experiences to accomplish these objectives. Students are evaluated on their progress in meeting the above objectives throughout the program. Opportunities and evaluations are provided for actual participation in professional clinical sites including athletic, sport and club fitness, coaching facilities, rehabilitation facilities and community settings in the practice of Sport and Fitness Management.

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

1. direct an individual's participation in selected clinical opportunities aimed at reinforcing and enhancing performance; facilitate learning of those skills and functions essential for productivity, thus the individual will be able to better communicate effectively with clients, subordinates and the public;
2. provide services to improve function to prevent deficits in activities of daily living, work, play/leisure, and in the underlying performance of managing to ensure quality of services and effectiveness of the program; and
3. function in a variety of roles including direct managing pro-

vider, consultant, case manager, educator, administrator, researcher and advocate in a variety of sport and fitness management delivery models and systems where sport and fitness management is traditionally practiced and in emerging areas of local community, state, regional, national and international arenas.

Upon successful completion of the SFM program, the student will be able 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 and fitness management service;
3. articulate and apply sport and fitness management principles, intervention approaches, rationales, and expected outcomes of service;
4. be innovators and leaders in the profession, applying sport and fitness management knowledge to the solution of complex sport and fitness 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 research studies and to apply research results to sport and fitness management practice; and to contribute to the advancement and dissemination of research and knowledge in the behavioral science.

### **Prerequisite Requirements**

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

### **Admission Requirements for the Master of Science in Sport and Fitness Management**

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#### **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 achieve a score of 385 or higher on the Miller Analogies Test or a score of 286 or higher on the Graduate Record Examination (850 on the old exam) (verbal and quantitative) or 380 on the GMAT.
3. Applicants must have an overall grade point average of 2.5 on a four-point scale.

#### **Conditional Admission**

1. Students not satisfying the unconditional admission requirements may be conditionally admitted to the program pending satisfactory completion of the first 12 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.

### **Transfer Credit**

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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 SFM 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 SFM 6617 and SFM 6691 with a grade of "B" or better.

## Curriculum

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

### **SPORT AND FITNESS MANAGEMENT**

**Minimum Total Hours: 36**

**Students may choose one of three concentrations:**

1. Athletic Administration
2. Coaching
3. Exercise Science

#### **Required Core Courses: (18 sh)**

SFM 6600	3	Foundations of Sport & Fitness Management
SFM 6604	3	Statistical Analysis and Interpretation
SFM 6615	3	Organizational Behavior & Leadership in Sport
SFM 6617	3	Research Methods I
SFM 6673	3	Ethics in Sport
SFM 6691	3	Research Methods II

#### **Concentration Requirements (18 sh)**

**Select One of the Following Concentrations:** *Athletic Administration, Coaching, or Exercise Science*

#### ***Athletic Administration Concentration***

SFM 6610	3	Physical Education, Sport & the Law
SFM 6616	3	Sport Finance
SFM 6632	3	Current Issues in Sport & Fitness Management
SFM 6640	3	Sport Marketing
SFM 6674	3	Entrepreneurship in Sport

Select *one* of the following:

SFM 6672	3	Sport Psychology
SFM 6680	3	Practicum in Sport & Fitness Management
SFM 6642	3	Managing Sport & Physical Activity Organizations
SFM 6644	3	Human Resource Management in Sport and Physical Activity
SFM 6690	3	Internship in Sport & Fitness Management
SFM 6695	3	Thesis

#### ***Coaching Concentration***

SFM 6602	3	Motor Skills & Human Performance
SFM 6610	3	Physical Education, Sport and the Law
SFM 6632	3	Current Issues in SFM
SFM 6670	3	Exercise Physiology
SFM 6672	3	Sport Psychology

Select *one* of the following:

SFM 6644	3	Human Resource Management in Sport and Physical Activity
SFM 6650	3	Sport Nutrition & Exercise Metabolism

#### ***Exercise Science Concentration***

SFM 6620	3	Physical Fitness: A Critical Analysis
SFM 6623	3	Biomechanics of Sport Techniques
SFM 6650	3	Sport Nutrition and Exercise Metabolism
SFM 6670	3	Exercise Physiology
SFM 6671	3	Advanced Exercise Physiology

Select *one* of the following:

SFM 6690	3	Internship in Sport & Fitness Management
SFM 6695	3	Thesis

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## **DOCTOR OF PHILOSOPHY (PH.D.) IN SPORT MANAGEMENT**

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### Purpose

The Doctor of Philosophy (Ph.D.) 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 Ph.D. in Sport Management the graduate will be able to:

1. Recall knowledge from core and specialized areas of study in the curriculum.
2. Identify essential teaching strategies necessary for success in the sport management education environment.
3. Effectively express complex concepts both orally and in writing.
4. Interpret research studies and apply research results to sport management practices.
5. Apply sport management knowledge to the solution of complex sport management issues, with demonstration of sensitivity to crucial, controversial sport issues.
6. Analyze and apply sport management principles, approaches, rationales, and expected outcomes of service.
7. Organize and plan programs of service designed to meet local, state, regional, national, and/or international needs.

8. Prepare research within the field of sport management for presentations and purposes.

### **Prerequisite Requirements**

Candidates for admission must have a graduate degree from a regionally accredited institution of higher education, preferably in sport management or related field. Prerequisite requirements exist for all doctoral core levels courses; thus, students should complete the prerequisite core or have completed equivalent courses. The academic advisor and course instructor can evaluate courses to determine whether or not they will satisfy the prerequisite element.

### **Admission Requirements for the Doctor of Philosophy in Sport Management**

#### Application process and deadlines:

The Sport Management Ph.D. program admissions committee will admit students three times throughout each academic year: Term 1/Fall semester, Term 3/Spring semester, and Term 5/Summer semester. In order to be given full consideration, please submit all requested materials by the deadlines listed below:

#### Application Deadlines:

Term 1 or Fall Admission: Apply by May 1  
International: Apply by March 1

Term 3 or Spring Admission: Apply by September 1  
International: Apply by July 1

Term 5 or Summer Admission: Apply by February 1  
International: Apply by December 1

The following procedures for admission to the Ph.D. in Sport Management program will be adopted:

#### Requirements:

A Masters degree in a related field with a minimum grade point average of 3.0 on a 4.0 scale from a regionally accredited university or college is required. Applicants must first be admitted to Troy University as a graduate student, and then be admitted to the Ph.D. Sport Management Graduate Program. Admission requirements to the Ph.D. Sport Management Graduate Program are as follows:

- Department Application Form
- Three (3) Letters of Reference
- Writing Sample
- Resume or Curriculum Vitae
- Statement of Intent. The statement of intent should:
  - Include details on your rationale for pursuing a Ph.D. in Sport Management.
  - Include details regarding your career and research interests.
- Identify and provide support for two TROY Sport and Fitness Management doctoral faculty members to serve as potential research supervisors.
- 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 US 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 admittance into the Doctoral Program. Students scoring below these requirements may be required to (in addition to other admission requirements) interview with the Doctor-

al Admissions Committee prior to full consideration of admittance into the program.

- Submission of GRE scores (verbal and quantitative): Students scoring 1000 or higher (old) or 297 (new) on the GRE (verbal and quantitative) will be given full consideration for admittance into the Doctoral Program. Students scoring below 1000 (old) or 297 (new) on the GRE may be required to (in addition to other admission requirements) interview with the Doctoral Admissions Committee prior to full consideration of admittance into the program.
- It should be noted that only valid GRE scores (as identified by GRE) will be accepted.

#### Doctoral Admissions Committee:

The Doctoral Admissions Committee will be composed of all Sport Management faculties with doctoral directive status. The Doctoral Admissions Committee will review all eligible applicants and make a recommendation regarding applicants' admission into the Ph.D. in Sport Management Program. All students admitted into the program will be assigned a primary research supervisor. After a decision has been made, applicants will be notified of their status.

#### Doctoral Dissertation Committee:

Each student in the Ph.D. in Sport Management program will select a dissertation committee. The Dissertation Committee should be comprised of a minimum of four members of which three should be faculty members in the School of Hospitality, Sport and Tourism Management.

### **Transfer Credit**

#### Conditions for transfer credit:

1. Students must complete the "Transfer of Graduate Credit towards Doctoral Degree".
2. A maximum of 12 graduate credit hours taken at another regionally or nationally accredited institution of higher learning with a minimum grade of "B" may be applied toward the degree.
3. Coursework cannot be used from another degree program the student has completed.
4. Coursework will be accepted only from the university the student had attended immediately preceding the transfer request.
5. An official transcript from the institution where the coursework was completed must be submitted.
6. Transfer courses must be defined as graduate-level work at the institution where the credit was earned.
7. All coursework must have been completed within three years of transfer credit request.

All transfer courses must be comparable to Troy University's graduate courses and must be approved by the Sport Management Doctoral Curriculum Committee.

### **Admission to Doctoral Candidacy**

Students seeking to enter Doctoral Candidacy must have:

1. Completed all coursework with a GPA of 3.0 or higher;
2. Passed the qualifying and comprehensive exams with a score of 80% or higher;
3. Received approval and finalized a doctoral dissertation committee;
4. Passed Doctoral Dissertation Proposal; and,
5. Completed new student orientation.

**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.

Students must be continuously enrolled in a minimum of 1 credit hour per semester or term during the duration of the doctoral degree. Dissertation credit hours may exceed the minimum of 24 semester hours. If a student fails to maintain the continuous enrollment requirement he or she may be required to readmit into the Ph.D. program.

For any student seeking readmission into the program, he or she must meet all degree requirements current at the time of readmission.

**Degree Requirements**

A student completing the coursework with a 3.0 or better GPA, successfully passing the qualifying and preliminary exams with a score of 80% or higher, completing new student orientation, and candidacy requirements and successfully defending the dissertation will be awarded a Ph.D. in Sport Management.

**Additional Requirements**

All students accepted into the Ph.D. in Sport Management Program will be required to complete a new student orientation. Students are encouraged to meet with research and academic advisors routinely to discuss progress towards degree. Students and Dissertation Committee Chairs are responsible for organizing the dissertation proposal and defense.

**Curriculum**

<b>Prerequisites</b>	<b>18 hours</b>
<b>Doctoral Core</b>	<b>15 hours</b>
<b>Statistics Requirements</b>	<b>9 hours</b>
<b>Research Requirements</b>	<b>12 hours</b>
<b>Area of Specialization</b>	<b>9 hours</b>
<b>Electives</b>	<b>6 hours</b>
<b>Dissertation</b>	<b>24 hours</b>
<b>Total Semester Hours</b>	<b>75 hours</b>

The Ph.D. in Sport Management is designed to be a 75 semester hour program, if the candidate has completed a Master's of Science in Sport & Fitness Management or related field. However, if not previously taken, the following prerequisite course(s) must be completed and up to six semester hours may be used to satisfy elective hours. If the following graduate prerequisites have been taken, the course(s) may be waived by your advisor. Students must meet with the professor teaching a particular course, provide official documentation (transcript and syllabus) regarding the work completed, and discuss the course previously completed. The professor will coordinate with the student's advisor and determine whether or not the student will receive a waiver for the specific "prerequisite course(s)".

**Prerequisites (18 hours)**

SFM 6600	(3)	Foundations of Sport and Fitness Management
SFM 6610	(3)	Physical Education, Sport, and the Law
SFM 6615	(3)	Organizational Behavior and Leadership in Sport
SFM 6616	(3)	Sport Finance
SFM 6640	(3)	Sport Marketing

SFM 6691	(3)	Research Methods II (Grade of "B" or better is required.)
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**Doctoral Core (15 hours)**

SFM 8810	(3)	Seminar in Applied Statistics in Sport Management
SFM 8812	(3)	Seminar in Sport Marketing
SFM 8814	(3)	Seminar in Sport Finance
SFM 8816	(3)	Seminar in Organizational Behavior and Leadership
SFM 8820	(3)	Seminar in Legal Aspects of Sport

**Statistics Requirements (9 hours)**

SFM 8801	(3)	Statistical Analysis and Interpretation
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Select six hours of advisor approved electives of statistics courses.

**Research Requirements (12 hours)**

SFM 8803	(3)	Research Methods I*
SFM 8805	(3)	Research Methods II*
SFM 8807	(3)	Seminar in Research Dissemination

Select three hours of advisor approved electives of research courses. \*Grade of "B" or better is required.

**Area of Specialization Requirements (9 hours)**

Students shall specialize in their chosen area of research interest. The choice of specialization and the courses taken in this area must be approved by the student's advisor. Students may specialize in more than one area. Courses taken in the area of specialization may be used once and not duplicated in elective courses. Courses may not be dually counted.

**Organizational Behavior/Theory**

MGT 6671	(3)	Organizational Behavior
MGT 6675	(3)	Theory of Organizations
MGT 6682	(3)	Leadership and Motivation
SFM 8825	(3)	Specialized Study
SFM 8826	(3)	Specialized Study

**Marketing**

SFM 6639	(3)	Sport Communication
SFM 6633	(3)	Sport Consumer Behavior
SFM 8825	(3)	Specialized Study
SFM 8826	(3)	Specialized Study
SFM 8840	(3)	Revenue Generation in Sport
IHM 6680	(3)	Global Marketing Strategy for Hospitality Executives
MKT 6661	(3)	Strategic Marketing Management

**Finance**

SFM 6618	(3)	Sport Economics
SFM 8825	(3)	Specialized Study
SFM 8826	(3)	Specialized Study
SFM 8840	(3)	Revenue Generation in Sport
FIN 6631	(3)	Managerial Finance
FIN 6653	(3)	Finance Research

FIN 6656 (3) Analysis of Financial Data

### ***Legal Aspects of Administration***

SFM 6614 (3) Risk Management in Sport  
 SFM 6675 (3) NCAA Governance, Compliance and Institutional Control  
 SFM 8825 (3) Specialized Study  
 SFM 8826 (3) Specialized Study  
 ECE 7763 (3) Legal Issues and Ethics in Education  
 EAL 6613 (3) Legal Issues in Public Education  
 HEA 6614 (3) School Law  
 HRM 6604 (3) Labor Law  
 PA 6644 (3) Administrative Law

### ***Athletic Administration***

SFM 6614 (3) Risk Management in Sport  
 SFM 6618 (3) Sport Economics  
 SFM 8825 (3) Specialized Study  
 SFM 8826 (3) Specialized Study  
 SFM 8840 (3) Revenue Generation in Sport  
 MGT 6682 (3) Leadership and Motivation  
 MKT 6661 (3) Strategic Marketing Management  
 PA 6644 (3) Administrative Law

### **Electives (6 hours)**

Select six hours from the following courses. Courses taken in "electives" may be used once and not duplicated in the area(s) of specialization. Courses may not be dually counted.

SFM 6614 (3) Risk Management in Sport  
 SFM 6618 (3) Sport Economics  
 SFM 6633 (3) Sport Consumer Behavior  
 SFM 6639 (3) Sport Communication  
 SFM 6641 (3) Sport Facility and Event Management  
 SFM 6675 (3) NCAA Governance, Compliance Institutional Control  
 SFM 8822 (3) Seminar in Sport Management Pedagogy  
 SFM 8824 (3) Sociological Aspects of Sport  
 SFM 8825 (3) Specialized Study  
 SFM 8826 (3) Specialized Study  
 SFM 8830 (3) Special Topics  
 SFM 8840 (3) Revenue Generation in Sport

### **Dissertation (24 hours)**

Students are required to be continuously enrolled in dissertation credits once they pass the preliminary exam and are admitted to candidacy.

SFM 8860 (3) Dissertation

### **Other Requirements (0 hours)**

Doctoral students are required to successfully pass the Qualifying Exam and Comprehensive Exam with a score of 80% or higher. The Qualifying Exam should be taken after the successful completion of 18 hours of the doctoral core. Students should take the Comprehensive Exam during their last semester of coursework. Students are also required to successfully defend their dissertation.

## **MASTER OF SOCIAL WORK**

The Troy University Master in 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 seeking accreditation 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. Identify as a professional social worker and conduct oneself accordingly.**

Social workers serve as representatives of the profession, its mission, and its core values. They know the profession's history. Social workers commit themselves to the profession's enhancement and to their own professional conduct and growth.

#### **2. Apply social work ethical principles to guide professional practice.**

Social workers have an obligation to conduct themselves ethically and to engage in ethical decision-making. Social workers are knowledgeable about the value base of the profession, its ethical standards, and relevant law.

#### **3. Apply critical thinking to inform and communicate professional judgments.**

Social workers are knowledgeable about the principles of logic, scientific inquiry, and reasoned discernment. They use critical thinking augmented by creativity and curiosity. Critical thinking also requires the synthesis and communication of relevant information.

#### **4. Engage diversity and difference in practice.**

Social workers understand how diversity characterizes and shapes the human experience and is critical to the formation of identity. The dimensions of diversity are understood as the intersectionality of multiple factors including age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation.

#### **5. Advance human rights and social and economic justice.**

Each person, regardless of position in society, has basic human rights, such as freedom, safety, privacy, an adequate standard of living, health care, and education. Social workers recognize the global interconnections of oppression and are knowledgeable about theories of justice and strategies to promote human and civil rights. Social work incorporates social justice practices in organizations, institutions, and society to ensure that these basic human rights are distributed equitably and without prejudice.

**6. Engage in research-informed practice and practice-informed research.**

Social workers use practice experience to inform research, employ evidence-based interventions, evaluate their own practice, and use research findings to improve practice, policy, and social service delivery. Social workers comprehend quantitative and qualitative research and understand scientific and ethical approaches to building knowledge.

**7. Apply knowledge of human behavior and the social environment.**

Social workers are knowledgeable about human behavior across the life course; the range of social systems in which people live; and the ways social systems promote or deter people in maintaining or achieving health and well-being. Social workers apply theories and knowledge from the liberal arts to understand biological, social, cultural, psychological, and spiritual development.

**8. Engage in policy practice to advance social and economic well-being and to deliver effective social work services.**

Social work practitioners understand that policy affects service delivery, and they actively engage in policy practice. Social workers know the history and current structures of social policies and services; the role of policy in service delivery; and the role of practice in policy development.

**9. Respond to contexts that shape practice.**

Social workers are informed, resourceful, and proactive in responding to evolving organizational, community, and societal contexts at all levels of practice. Social workers recognize that the context of practice is dynamic, and use knowledge and skill to respond proactively.

**10. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.**

Professional practice involves the dynamic and interactive processes of engagement, assessment, intervention, and evaluation at multiple levels. Social workers have the knowledge and skills to practice with individuals, families, groups, organizations, and communities. Practice knowledge includes: identifying, analyzing, and implementing evidence-based interventions designed to achieve client goals; using research and technological advances; evaluating program outcomes and practice effectiveness; developing, analyzing, advocating, and providing leadership for policies and services; and promoting social and economic justice.

**11. Engage in Advanced Practice.**

Synthesize and apply a broad range of interdisciplinary and multidisciplinary knowledge and skills. In areas of specialization, advanced practitioners assess, intervene, and evaluate to promote

human and social well-being. To do so they suit each action to the circumstances at hand, using the discrimination learned through experience and self-improvement. Advanced practice incorporates all of the core competencies augmented by knowledge and practice behaviors specific to a concentration.

**12. Engage in Field Education.**

Social workers apply the theoretical and conceptual contribution of the classroom with the practical world of the practice setting. It is a basic precept of social work education that the two interrelated components of curriculum—classroom and field—are of equal importance within the curriculum, and each contributes to the development of the requisite competencies of professional practice. Field education is systematically designed, supervised, coordinated, and evaluated based on criteria

by which students demonstrate the achievement of program competencies.

**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 two year (60) hour program. Students must have a 2.5 (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 Advanced Standing. Advanced Standing applicants may receive a MSW upon successful completion of 30 semester hours of Concentration Curriculum.

In addition to the grade point average requirements, students must take the GRE or MAT. The GRE acceptable score is 850 combined (old) or 290 combined (new). The MAT acceptable score is 385. There is a conditional admission only because of a low test score. Students admitted conditionally only because of a low test score will be granted unconditional admission after the completion of nine (9) semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted. There is not a requirement to re-take the test once the academic requirement is met.

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 Concentration 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.

**Program Initiation**

The Master of Social Work two year program admits students each fall. Cohorts begin only in the fall semester. The program is currently offered in a combination of face-to-face and hybrid formats. Advanced Standing (one year) program admits students in the summer. Cohorts begin for Advanced Standing only in the summer and this program is offered in a combination of face-to-face and hybrid formats.

Applications may be submitted throughout the year. Acceptance notifications will be issued in October, March, and June for the next August and May cohorts.

**Program Prerequisites**

All applications must have an undergraduate or graduate statistics course prior to attendance. If this requirement has not been met students may take: PSY 3301, QM 2241, MTH 2210 or the Director of the MSW program approved equivalent.

**Admission Requirements**

In addition to meeting University graduate school admissions requirements, the student must also submit the following admission requirements:

1. Three reference letters from the following list: applicant's most recent academic adviser, department chair, dean, college instructor, most recent employer, or one personal reference chosen by the applicant.

cant. 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 personal statement written in APA format (500-750 words) addressing the following: a) reason for seeking a Master in Social Work degree; b) relevant experiences which have shaped this decision; c) future expectations post-graduation.

### Transfer Credit

In addition to University transfer requirements, the Masters in Social Work will only accept master's level courses from a CSWE accredited Social Work program. The Director of the MSW program must review and approve these transfer credits.

### Practicum Requirements

Students are required to complete supervised practicum course(s) in the sequence set by the program. The student must have a current (within 30 days) national criminal background check, liability insurance, 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.

### 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 or 9 courses of required study. The foundation practicum (6 semester hours) requires a minimum of 400 contact hours in the field. In addition to required foundation courses, students must complete three hours of an elective before proceeding into one of the two concentration curriculums.

#### MSW Requirements

##### **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.

SWK 6601	(3)	Social Welfare Policy and the Social Work Profession
SWK 6604	(3)	Human Behavior in the Social Environment
SWK 6606	(3)	Direct Practice Methods with Individuals and Families
SWK 6608	(3)	Theory and Practice with Groups
SWK 6612	(3)	Theory and Practice with Communities and Organizations
SWK 6614	(3)	Cultural Diversity
SWK 6691	(3)	Foundation Research Methods*
SWK 6696	(3)	Foundation Practicum and Seminar * (200 Contact Hours)

*Note:* Must be taken twice

SWK 66XX (3) Advisor Approved Elective

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

#### **Total Foundation Curriculum: 30 semester hours**

### **Concentration Curriculum (30 Semester Hours)**

The concentration curriculum allows students to develop competencies associated with either Direct Practice (DP) or Organizational Leadership and Management (ORGM). This includes a minimum of thirty (30) credits of required study. The Concentration Practicum is 9 semester hours requiring a minimum of 500 clock hours in the field.

#### **Direct Practice Concentration Core Requirements**

*A student choosing the Clinical Practice concentration is required to enroll in:*

SWK 7701	(3)	Advanced Social Work Practice with Individuals and Families
SWK 7703	(3)	Direct Practice Evaluation*
SWK 7705	(3)	Assessment and Psychopathology
SWK 7707	(3)	Advanced Social Work Practice with Groups
SWK 7769	(3)	Advanced Direct Practice Senior Seminar
SWK 7796	(3)	Concentration Practicum and Seminar I * (170 hours)

*Note:* Must be taken 3 times

SWK7XXX (3) Advisor Approved Focused Elective

SWK7XXX (3) Advisor Approved Elective

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

#### **Organizational Leadership and Management**

*A student choosing the Organizational Leadership and Management concentration is required to enroll in:*

SWK 7730	(3)	Organizational Leadership and Management Practice Evaluation*
SWK 7732	(3)	Program Design and Development
SWK 7734	(3)	Advanced Policy Analysis
SWK 7736	(3)	Organizational Leadership and Management
SWK 7796	(3)	Concentration Practicum and Seminar* (170 hours)
		<i>Note:</i> Must be taken 3 times
SWK 7738	(3)	Organizational Leadership and Management Senior Seminar
SWK7XXX	(3)	Advisor Approved Focused Elective
SWK7XXX	(3)	Advisor Approved Elective
		*A grade of "B" or better is required.

#### **Total Concentration Curriculum: 30 semester hours**

#### **Program Electives**

SWK 6620	(3)	Social Work with Women
SWK 6622	(3)	Crisis Intervention
SWK 7720	(3)	Special Topics (Social Work with Abusing and Neglecting Families)
SWK 7722	(3)	Social Work in Health Care Settings
SWK 7724	(3)	Topics in Grant Writing and Program Development



2014-2015

**TROY UNIVERSITY**  
**MSN: FAMILY NURSE PRACTITIONER**  
 Graduate Degree Plan and Progress Record  
**47 Semester-Hour MSN-FNP Program**

TROY Publications 384-308  
 Updated 3/2014  
 Page 1 of 2

Name:  Student ID#:  Campus:

Address:  Email:

**DEGREE REQUIREMENTS:**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 47 (MSN-FNP) Semester hours of credit minimum</li> <li>5. Meet residency requirements</li> <li>6. No more than 6 semester hours below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 5 years of graduation</li> <li>10. Successful completion of Comprehensive Examination/Thesis</li> <li>11. Intent to Graduate filed</li> </ol> |
|--|---|

**REQUIRED CORE COURSES:** (6 Semester Hours)

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories in Nursing	2			
NSG 6605	Health Care Economics	2			
NSG 6660	Foundations of Advanced Practice	2			

**RESEARCH:** (7 Semester Hours)

NSG 6691	Research Methodology	3			
NSG 6692	Data Analysis Techniques in Research	2			
NSG 6696	Scholarly Inquiry Practicum I	1			
NSG 6697	Scholarly Inquiry Practicum II	1			
Optional NSG 6695	Thesis	4			

**NURSING SPECIALTY:** (27 Semester Hours)

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	3			
NSG 6666	Primary Care I Preceptorship	3			
NSG 6667	Primary Care II	3			
NSG 6668	Primary Care II Preceptorship	3			
NSG 6671	Advanced Pathophysiology	3			

**FNP ROLE COURSES:** (6 Semester Hours)

NSG 6670	Role Synthesis Seminar	1			
NSG 6680	FNP Internship	5			

**SYNTHESIS AND EVALUATION:** (1 Semester Hours)

NSG 6655	Synthesis and Evaluation of Advanced Nursing Practice	1			
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**THESIS (Optional):** (1-4 Semester Hours)

NSG 6695	Thesis				
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2014-2015

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 2. Temporary, Conditional, 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 & consequences
- 7. Petition for Incomplete grade
- 8. Student participation in course and program evaluation
- 9. Other

Admission Status:	Date	Initials
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		

2014-2015

**TROY UNIVERSITY**  
**MSN: NURSING INFORMATICS SPECIALIST**  
 Graduate Degree Plan and Progress Record  
**34 Semester-Hour Program**

TROY Publications 384-309  
 Updated 3/2014

Name:  Student ID#:  Campus:

Address:  Email:

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| 1. GRE, or equivalent exam, test scores submitted | 7. Overall GPA of 3.0   |
| 2. Official transcript of all academic work       | 8. Completion of research requirement with a "B" or better    |
| 3. Unconditional Admission                        | 9. All credit earned within 5 years of graduation             |
| 4. 34 Semester hours of credit minimum            | 10. Successful completion of Comprehensive Examination/Thesis |
| 5. Meet residency requirements                    | 11. Intent to Graduate filed                                  |
| 6. No more than 6 semester hours below "B"        |   |

**REQUIRED CORE COURSES:** (6 Semester Hours)

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 Practice	2			

**RESEARCH:** (7 Semester Hours)

NSG 6691	Research Methodology	3			
NSG 6692	Data Analysis Techniques in Research	2			
NSG 6696	Scholarly Inquiry Practicum I	1			
NSG 6697	Scholarly Inquiry Practicum II	1			
<b>Optional:</b> NSG 6695	Thesis				

**NURSING SPECIALTY:** (11 Semester Hours)

NSG 6631	Concepts of Health Care Informatics	3			
NSG 6632	Theoretical Foundations of Nursing Informatics	2			
NSG 6633	Health Care Information Systems	3			
NSG 6635	Informatics Applications	3			

**NURSING ROLE COURSES:** (6 Semester Hours)

NSG 6634	Role of the Nursing Informatics Specialist	2			
NSG 6636	Nursing Informatics Internship	4			

**ELECTIVE:** (3 Semester Hours)

		3			
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**SYNTHESIS AND EVALUATION:** (1 Semester Hours)

NSG 6655	Synthesis and Evaluation of Advanced Nursing Practice	1			
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**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 2. Temporary, Conditional, 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 & consequences
- 7. Petition for Incomplete grade
- 8. Student participation in course and program evaluation

9. Other

Admission Status:	Date	Initials
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		

2014-2015

**TROY UNIVERSITY**  
**DOCTOR OF NURSING PRACTICE - Post Master's Program**  
 DNP Graduate Degree Plan and Progress Record  
**35 - 39 Semester-Hour Program**

TROY Publications 384-310  
 Revised 3/2014

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

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores submitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 35 Semester hours of credit minimum</li> <li>5. Meet synthesis requirements</li> <li>6. No more than 6 semester hours below "B"</li> <li>7. Overall GPA of 3.0</li> <li>8. Completion of research requirement with a "B" or better</li> </ol> | <ol style="list-style-type: none"> <li>9. All credit earned within 5 years of graduation</li> <li>10. Successful completion of Competency Evaluations</li> <li>11. Intent to Graduate filed</li> <li>12. Completion of 1000 clinical hours at graduate level</li> <li>13. Committee Approval of DNP Synthesis Project Proposal</li> <li>14. Successful completion of e-Portfolio</li> <li>15. Successful completion of DNP Synthesis Project</li> </ol> |
|---|---|

**ADVANCED NURSING CORE: (15 Semester Hours)**

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8801	Healthcare Informatics & Data Management	3			
NSG 8804	Policy & Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations & Systems	2			
NSG 8824	Bioethical Issues in Healthcare	2			
NSG 8826	Diversity & Social Issues in Healthcare	2			

**SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE: (9 Semester Hours)**

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 Semester Hours)**

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 Semester Hours)**

NSG 8850	Dissemination	3			
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**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 & consequences
- 6. Petition for Incomplete grade
- 7. Student participation in course and program evaluation
- 8. Other

**OFFICE USE ONLY:**

TYPE	DATE	INITIALS
Unconditional Admission		
Synthesis Requirements Met		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2014-2015

**TROY UNIVERSITY**  
**DOCTOR OF NURSING PRACTICE - Post Baccalaureate Program**  
**Family Nurse Practitioner**  
 DNP Graduate Degree Plan and Progress Record  
*(Advising Note: For students with a non-clinical MSN)*  
**65-69 Semester-Hour Program**

TROY Publication 384-311  
 Created 3/2014  
 Page 1 of 2

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores submitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 65 -69 Semester hours of credit
5. Meet synthesis 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. Intent to Graduate filed
11. Completion of 1000 clinical hours at graduate level
12. Committee Approval of DNP Synthesis Project Proposal
13. Successful completion of e-Portfolio
14. Successful completion of DNP Synthesis Project

**ADVANCED NURSING CORE:** (15 Semester Hours)

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 8801	Healthcare Informatics & Data Management	3			
NSG 8804	Policy & Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations & Systems	2			
NSG 8824	Bioethical Issues in Healthcare	2			
NSG 8826	Diversity & Social Issues in Healthcare	2			

**ADVANCED NURSING SPECIALTY:** (24 Semester Hours)

NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship for FNP	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6671	Advanced Pathophysiology	3			
NSG 6665	Primary Care I	3			
NSG 6666	Primary Care I Preceptorship	3			
NSG 6667	Primary Care II	3			
NSG 6668	Primary Care II Preceptorship	3			

**SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE:** (9 Semester Hours)

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 Semester Hours)**

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

**PRACTICE SYNTHESIS: (8-12 Semester Hours)**

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 Semester Hours)**

NSG 8850	Dissemination	3			
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**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; deadline and consequences
- 6. Petition for an Incomplete grade
- 7. Student participation in course and program evaluation
- 8. Other

**OFFICE USE ONLY:**

	DATE	INITIALS
Unconditional Admission		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2014-2015

**TROY UNIVERSITY**  
**DOCTOR OF NURSING PRACTICE - Post Baccalaureate Program**  
**Family Nurse Practitioner**  
DNP Graduate Degree Plan and Progress Record  
*(Advising Note: For students without a MSN)*  
**70 - 74 Semester-Hour Program**

TROY Publication 384-312  
Updated 3/2014  
Page 1 of 2

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores submitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 70-74 Semester hours of credit
5. Meet synthesis 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 5 years of graduation
10. Intent to Graduate filed
11. Completion of 1000 clinical hours at graduate level
12. Committee Approval of Residency Synthesis Project Proposal
13. Successful completion of e-Portfolio
14. Successful completion of DNP Synthesis Project

**ADVANCED NURSING CORE:** (17 Semester Hours)

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6604	Theories in Nursing	2			
NSG 8801	Healthcare Informatics & Data Management	3			
NSG 8804	Policy & Politics in Healthcare	3			
NSG 8805	Principles of Epidemiology	3			
NSG 8822	Leadership in Organizations & Systems	2			
NSG 8824	Bioethical Issues in Healthcare	2			
NSG 8826	Diversity & Social Issues in Healthcare	2			

**ADVANCED NURSING SPECIALTY:** (24 Semester Hours)

NSG 6612	Advanced Health Assessment	3			
NSG 6613	Advanced Health Assessment Preceptorship for FNP	3			
NSG 6649	Advanced Pharmacology	3			
NSG 6671	Advanced Pathophysiology	3			
NSG 6665	Primary Care I	3			
NSG 6666	Primary Care I Preceptorship	3			
NSG 6667	Primary Care II	3			
NSG 6668	Primary Care II Preceptorship	3			

**SCHOLARLY INQUIRY METHODS FOR EVIDENCE-BASED PRACTICE:** (12 Semester Hours)

NSG 6691	Research Methodology	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 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
NSG 6670	Role Synthesis Seminar	1			
NSG 6680	Family Nurse Practitioner Internship	5			

**PRACTICE SYNTHESIS:** (8-12 Semester Hours)

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 Semester Hours)

NSG 8850	Dissemination	3			
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**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; deadline and consequences
- 6. Petition for an Incomplete grade
- 7. Student participation in course and program evaluation
- 8. Other

**OFFICE USE ONLY:**

	DATE	INITIALS
Unconditional Admission		
Synthesis Requirements Met		
Test Scores		
DNP Synthesis Proposal Approved		
DNP Synthesis Project Approved		

2014-2015

**TROY UNIVERSITY**  
**FAMILY NURSE PRACTITIONER CERTIFICATE**  
 Certificate Plan and Progress Record  
**33 Semester-Hour FNP Post-Master's Certificate Program**

TROY Publications 384-313  
 Updated 3/2014

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

**CERTIFICATE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Official transcript of all academic work</li> <li>2. Unconditional Admission</li> <li>3. 33 (FNP-Certificate) Semester hours of credit minimum</li> <li>4. Meet residency requirements</li> </ol> | <ol style="list-style-type: none"> <li>5. No more than 6 semester hours below "B"</li> <li>6. Overall GPA of 3.0</li> <li>7. All credit earned within 5 years of graduation</li> <li>8. Intent to Graduate filed</li> </ol> |
|---|---|

**NURSING SPECIALTY: (27 Semester Hours)**

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	3			
NSG 6666	Primary Care I Preceptorship	3			
NSG 6667	Primary Care II	3			
NSG 6668	Primary Care II Preceptorship	3			
NSG 6671	Advanced Pathophysiology	3			

**FNP ROLE COURSES: (6 Semester Hours)**

NSG 6670	Role Synthesis Seminar	1			
NSG 6680	FNP Internship	5			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores on file
- 2. Temporary, Conditional, 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 & consequences
- 7. Petition for Incomplete grade
- 8. Student participation in course and program evaluation
- 9. Other

Admission Status:	Date	Initials
Conditional		
Unconditional		
Residency		
Test Scores		
Comps		

2014-2015

**TROY UNIVERSITY**  
**SPORT AND FITNESS MANAGEMENT**  
**Coaching Concentration**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publications 384-314  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 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 credit                   | 10. Successfully completed Comprehensive Exam              |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES:** (18 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SFM 6600	Foundations of SFM	3			
SFM 6604	Statistical Analysis and Interpretation	3			
SFM 6615	Organizational Behavior & Leadership in Sport	3			
SFM 6617	Research Methods I ("B" or better required)	3			
SFM 6673	Ethics in Sport	3			
SFM 6691	Research Methods II ("B" or better required)	3			

**COACHING CONCENTRATION:** ( 18 Semester Hours)

SFM 6602	Motor Skills & Human Performance	3			
SFM 6610	Physical Education, Sport, and the Law	3			
SFM 6632	Current Issues in SFM	3			
SFM 6650	Sports Nutrition & Exercise Meabolism	3			
SFM 6670	Exercise Physiology	3			
SFM 6672	Sport Psychology	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**SPORT AND FITNESS MANAGEMENT**  
**Athletic Administration Concentration**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publications 384-317  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores admitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work      | 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 credit                   | 10. Successfully completed Comprehensive Exam              |
| 5. Meet residency requirements                   | 11. Intent to Graduate filed                               |
| 6. No more than two grades below "B"             |  |

**REQUIRED CORE COURSES:** (18 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SFM 6600	Foundations of SFM	3			
SFM 6604	Statistical Analysis and Interpretation	3			
SFM 6615	Organizational Behavior & Leadership in Sport	3			
SFM 6617	Research Methods I ("B" or better required)	3			
SFM 6673	Ethics in Sport	3			
SFM 6691	Research Methods II ("B" or better required)	3			

**ATHLETIC ADMINISTRATION CONCENTRATION:** ( 18 Semester Hours) Management

SFM 6610	Physical Education, Sport, and the Law	3			
SFM 6616	Sport Finance	3			
SFM 6632	Current Issues in Sport & Fitness Management	3			
SFM 6640	Sport Marketing	3			
SFM 6674	Entrepreneurship in Sport	3			

Select **one** of the following:

SFM 6642	Managing Sport and Physical Activity Organizations	3			
SFM 6644	Human Resource Management in Sport and Physical Activity	3			
SFM 6672	Sport Psychology	3			
SFM 6680	Practicum in SFM	3			
SFM 6690	Internship in SFM	3			
SFM 6695	Thesis	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**SPORT AND FITNESS MANAGEMENT**  
**Exercise Science Concentration**  
 Graduate Degree Plan and Progress Record  
**36 Semester-Hour Program**

TROY Publications 384-316  
 Revised: 3/2014

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

**DEGREE REQUIREMENTS:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. GRE, or equivalent exam, test scores admitted</li> <li>2. Official transcript of all academic work</li> <li>3. Unconditional Admission</li> <li>4. 36 Semester hours of credit</li> <li>5. Meet residency requirements</li> <li>6. No more than two grades below "B"</li> </ol> | <ol style="list-style-type: none"> <li>7. Overall GPA of 3.0</li> <li>8. Completion of research requirement with a "B" or better</li> <li>9. All credit earned within 8 years of graduation</li> <li>10. Successfully completed Comprehensive Exam</li> <li>11. Intent to Graduate filed</li> </ol> |
|---|---|

**REQUIRED CORE COURSES:** (18 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SFM 6600	Foundations of SFM	3			
SFM 6604	Statistical Analysis and Interpretation	3			
SFM 6615	Organizational Behavior & Leadership in Sport	3			
SFM 6617	Research Methods I ("B" or better required)	3			
SFM 6673	Ethics in Sport	3			
SFM 6691	Research Methods II ("B" or better required)	3			

**EXERCISE SCIENCE CONCENTRATION:** ( 18 Semester Hours)

SFM 6620	Physical Fitness: A Critical Analysis	3			
SFM 6623	Biomechanics of Sport Techniques	3			
SFM 6650	Sport Nutrition & Exercise Metabolism	3			
SFM 6670	Exercise Physiology	3			
SFM 6671	Advanced Exercise Physiology	3			
<i>Select <b>One</b> of the following:</i>					
SFM 6690	Internship in SFM	3			
SFM 6695	Thesis	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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:	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

2014-2015

**TROY UNIVERSITY**  
**DOCTOR OF PHILOSOPHY IN SPORT MANAGEMENT**  
**75 Semester-Hour Program**

TROY Publication 384-318  
Updated 3/2014  
Page 1 of 2

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

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores submitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 75 Semester hours of credit
5. Complete New Student Orientation
6. Passed qualifying exam with score of 80% or higher-after 18 SH
7. Passed comprehensive exam with score of 80% or higher- taken during last semester of coursework
8. Received topic and dissertation committee approval
9. Passed dissertation proposal
10. Admission to candidacy
11. Successfully defend dissertation within 8 years of program start date
12. No more than two grades below "B"
13. Overall GPA of 3.0
14. All credit earned within 8 years of start date
15. Intent to Graduate filed

**PREREQUISITES:** (18 Semester Hours)

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SFM 6600	Foundations of Sport and Fitness Management	3			
SFM 6610	Physical Education, Sport, and the Law	3			
SFM 6615	Organizational Behavior and Leadership in Sport	3			
SFM 6616	Sport Finance	3			
SFM 6640	Sport Marketing	3			
SFM 6691	Research Methods II	3			

**DOCTORAL CORE:** (15 Semester Hours)

SFM 8810	Seminar in Applied Statistics in Sport Management	3			
SFM 8812	Seminar in Sport Marketing	3			
SFM 8814	Seminar in Sport Finance	3			
SFM 8816	Seminar in Organizational Behavior and Leadership	3			
SFM 8820	Seminar in Legal Aspects of Sport	3			

**STATISTICS REQUIREMENTS:** (9 Semester Hours)

SFM 8801	Statistical Analysis and Interpretation	3			
		3			
		3			

*Students should select 6 hours of advisor approved electives of statistics courses*

**RESEARCH REQUIREMENTS:** (12 Semester Hours)

SFM 8803	Research Methods I*	1			
SFM 8805	Research Methods II*	3			
SFM 8807	Seminar in Research Dissemination	3			
		3			

*Students should select 3 hours of advisor approved electives of research courses.*

*\*Course requires a Grade of "B" or better.*

2014-2015

**AREA OF SPECIALIZATION:** (9 Semester Hours)  Organizational Behavior/Theory  Legal Aspects of Administration  
 Athletic Administration  Marketing  Finance

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

**ELECTIVES:** (6 Semester Hours)

		3			
		3			

**SYNTHESIS AND EVALUATION:** (24 Semester Hours)

SFM 8860	Dissertation	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; deadline and consequences
- 6. Petition for an Incomplete grade
- 7. Student participation in course and program evaluation
- 8. Selection of research adviser
- 9. Selection of dissertation committee
- 10. Qualifying exam
- 11. Comprehensive exam
- 12. Dissertation proposal
- 13. Dissertation defense
- 14. Other

**OFFICE USE ONLY:**

	DATE	INITIALS
Unconditional Admission		
Test Scores		
Qualifying Exam		
Comprehensive Exam		
Dissertation proposal		
Dissertation defense		

2014-2015

TROY Publication 384-315

Revised 3/2014

1 of 2

**TROY UNIVERSITY**  
**Master of Social Work**  
 Graduate Degree Plan and Progress Record  
**30-60 Semester-Hour Program**

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

**DEGREE REQUIREMENTS:**

1. Bachelor's degree in Social Work or Foundation Courses
2. Official transcript of all academic work
3. GRE or MAT score
4. 30-60 Hours of course work
5. Current criminal background check
6. No more than two grades below "B"
7. Overall GPA of 3.0 to graduate
8. 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/YEAR	TRANSFER CREDIT
SWK 6601	Social Welfare Policy and the Social Work Profession	3			
SWK 6604	Human Behavior in the Social Environment	3			
SWK 6606	Direct Practice methods with Individuals and Families	3			
SWK 6608	Theory and Practice with Groups	3			
SWK 6612	Theory and Practice with Communities and Organizations	3			
SWK 6614	Cultural Diversity	3			
SWK 6691	Foundation Research Methods	3			
SWK 6696	Foundation Practicum and Seminar (200 contact hours) Taken twice	3			
SWK 66XX	Advisor Approved Elective	3			

**CONCENTRATION CURRICULUM:** The concentration curriculum allows students to develop competencies in one of two areas of specialization: Direct Practice or Organizational Leadership and Management. Each requires a total of 30 semester hours including a 9 hour Practicum.

Direct Practice Concentration Core Requirements (30 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
SWK 7701	Advanced Social Work Practice with Individuals and Families	3			
SWK 7703	Direct Practice Evaluation (Grade of B or higher required)	3			
SWK 7705	Assessment and Psychopathology	3			
SWK 7707	Advanced Social Work Practice with Groups	3			
SWK 7769	Advanced Direct Practice Senior Seminar	3			
SWK 7796	Concentration Practicum and Seminar I (170 hours) Taken 3 times	3			
SWK 7XXX	Advisor Approved Focused Elective	3			
SWK 7XXX	Advisor Approved Elective	3			

2014-2015

Organizational Leadership and Management Concentration Core Requirements: (30 Semester Hours)

COURSE NO.	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
SWK 7730	ORGM Evaluation	3			
SWK 7732	Program Design and Development	3			
SWK 7734	Advanced Policy Analysis	3			
SWK 7736	Organizational Leadership and Management	3			
SWK 7796	Concentration Practicum and Seminar I-Taken 3 times	3			
SWK 7738	Organizational Leadership and Management Senior Seminar	3			
SWK 7XXX	Advisor Approved Focused Elective	3			
SWK 7XXX	Advisor Approved Elective	3			

**ITEMS TO BE DISCUSSED:**

- 1. One term limit to have transcript(s) and test scores 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
Conditional		
Unconditional		
Residency		
Test Scores		

# COURSE DESCRIPTIONS

## ACCOUNTING

- ACT 6625 Specialized Study in the Area of Accounting (1-3)**  
**6626** 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. *Prerequisites: All business and accounting foundation courses or equivalent.*
- ACT 6627**
- 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 6650 Forensic Accounting and Fraud Examination (3)**  
 Auditing theory and procedures as applied to fraud prevention, detection, and investigation. *Prerequisites: Admission to Master of Accountancy degree program and completion of all MACC foundation and accounting prerequisites.*
- ACT 6651 Accounting Systems and Controls (3)**  
 An advanced study of accounting information systems concepts, applications, and control issues. 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. *Prerequisites: 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. Prerequisites: 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. *Prerequisites: 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. *Prerequisites: 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. *Prerequisites: Admission to Master of Accountancy degree program and completion of all MACC foundation and accounting prerequisites.*
- ACT 6656 Professional Certification (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. *Prerequisites: Admission to Master of Accountancy degree program and completion of all MACC foundation and 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: Graduate standing, acceptance into the MBA program and all undergraduate business prerequisite 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. *Prerequisites: 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. Prerequisites: 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. *Prerequisites: 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. *Prerequisites: 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 contemporary accounting issues and an analysis of how accounting practice is influenced by regulatory agencies, economic conditions, and professional accounting organizations. *Prerequisites: All business foundation courses or equivalent and ACT 3391, ACT 3392, ACT 3394, ACT 3396, ACT 4494, ACT 4495 and ACT 4497.*
- 
- 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, on-line services, optical technology, and telecommunications. *Prerequisite: ADE 6605 or permission of instructor.*
- 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 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 6653 Educational Evaluation (3)**  
The course presents basic procedures used in evaluation. A major focus is on planning and constructing teacher-made tests and non-test evaluation techniques. Also includes study of a variety of standardized tests.
- 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. *Prerequisite: ADE 6670*
- 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. *Prerequisites: ADE 6600, ADE 6670 or permission of the instructor.*
- 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)**

**6697** Supervised experiences related to instruction in area  
**6698** of specialization. Emphasis on application of skills, concepts, and principles acquired in previous courses. Grading system is Pass/Fail. *Prerequisite: 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 an educational portfolio 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. Grading system is Pass/Fail. *Prerequisites: 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.*

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**ANTHROPOLOGY**

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**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 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 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.

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**ART**

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**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)**

**6626** An individualized study with studio art faculty.  
**6627** 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: ART 6662.*

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**BIOLOGY**

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**BIO 5505 Entomology (3)**

A study of the orders of insects with the emphasis on morphology, taxonomy, and life cycles. *Prerequisites: General Biology. Co-requisite: BIO L505*

**BIO L505 Entomology Lab (1)**

A study of morphology, classification, and identification of insects. A collection is required. *Co-requisite: BIO 5505*

**BIO 5513 Limnology (3)**

A study of the physical, chemical, geological, and biological aspects of freshwater ecosystems as influenced by activities in surrounding watersheds. *Prerequisites: general biology, general ecology, general chemistry. Co-requisite: BIO L513*

- BIO L513 Limnology Lab (1)**  
Field and laboratory exercises in lake and stream science, including instrumentation, measurement, sampling, and analysis. *Co-requisite: 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. *Prerequisites: BIO 3372/L372. Corequisite: BIO L514.*
- BIO L514 Food Microbiology Lab (3)**  
This lab focuses on advanced microbiological laboratory techniques including enumeration and analysis of bacteria in food, water, and dairy products. *Prerequisites: BIO 3372/L372. Corequisite: 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. *Prerequisites: microbiology, organic chemistry. Co-requisite: BIO L516*
- BIO L516 Microbial Ecology Lab (1)**  
Microbial ecology laboratory techniques including isolation, identification, and enumeration of microorganisms from aquatic and terrestrial environments. *Co-requisite: 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. *Prerequisites: 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. *Prerequisites: General Ecology, Genetics, General Chemistry, Statistics. Co-requisite: 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. *Co-requisite: 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. *Prerequisites: General Biology, General Ecology. See semester hour limits listed under Course Restrictions in General Regulations section.*
- BIO 5530 Applied Genetics (3)**  
Advanced studies in genetics with emphasis on cytogenetics and molecular genetics. *Prerequisites: genetics, organic chemistry. Co-requisite: BIO L530*
- BIO L530 Applied Genetics Lab (1)**  
An introduction to procedures and equipment used in the study of cytogenetics and molecular genetics. *Co-requisite: BIO 5530*
- BIO 5532 Comparative Vertebrate Anatomy (3)**  
A detailed study of vertebrate organ-systems with emphasis on structural and functional morphology and evolutionary relationships. *Prerequisites: Any 3000-level BIO lecture and lab. Co-requisite: BIO L532*
- BIO L532 Comparative Vertebrate Anatomy Lab(1)**  
A detailed study of the shark, mudpuppy, and cat with emphasis on structural and functional morphology. *Prerequisites: Any 3000-level BIO lecture and lab. Co-requisite: BIO 5532*
- BIO 5533 Embryology (3)**  
A study of embryonic development of vertebrates. This course links cellular and molecular mechanisms to morphogenesis. *Prerequisites: Genetics, Cell Biology, Organic Chemistry. Co-requisite: BIO L533*
- BIO L533 Embryology Lab (1)**  
A study of embryonic development of vertebrates as illustrated by the frog, chick, and pig. Lab includes experimental investigations of developing systems. *Co-requisite: BIO 5533*
- BIO 5545 Ichthyology (3)**  
This course covers the morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of fishes. *Prerequisites: General Biology, General Ecology. Co-requisite: BIO L545*
- BIO L545 Ichthyology Lab (1)**  
A study of the structural features, identification, and classification of freshwater and marine fishes. *Co-requisite: BIO 5545*
- BIO 5546 Herpetology (3)**  
A study of the morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of amphibians and reptiles. *Prerequisites: General Biology, General Ecology. Co-requisite: BIO L546*
- BIO L546 Herpetology Lab (1)**  
A study of the structural features, identification, and classification of amphibians and reptiles. *Co-requisite: BIO 5546*

- BIO 5547 Ornithology (3)**  
A study of the morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of birds. *Prerequisites: General Biology, General Ecology. Co-requisite: BIO L547*
- BIO L547 Ornithology Lab (1)**  
A study of the structural features, identification, and classification of birds. *Co-requisite: BIO 5547*
- BIO 5548 Mammalogy (3)**  
A study of the morphology, anatomy, physiology, taxonomy, life histories, distribution, and adaptations of mammals. *Prerequisites: general biology, general ecology. Co-requisite: BIO L548*
- BIO L548 Mammalogy Lab (1)**  
A study of the structural features, identification, and classification of mammals. *Co-requisite: BIO 5548*
- 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: 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: Organic Chemistry. Co-requisite: BIO L551*
- BIO L551 Toxicology Lab (1)**  
An assessment of terrestrial and aquatic toxicity of chemical agents following standard protocols. *Co-requisite: BIO 5551*
- BIO 5552 Industrial Hygiene (3)**  
Identification and correction of chemical, biological, and physical hazards in and around the workplace. *Prerequisite: Organic Chemistry. Co-requisite: BIO L552*
- BIO L552 Industrial Hygiene Lab (1)**  
Methods and procedures for sampling, analyzing, and evaluating chemical, biological, and physical agents in the workplace. *Co-requisite: BIO 5552*
- 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. *Prerequisites: Any 3000-level BIO lecture and lab. Co-requisite: BIO L571*
- BIO L571 Parasitology Lab (1)**  
A laboratory study of parasitic protozoa, helminths, and arthropods, with the emphasis on those of medical importance. *Co-requisite: BIO 5571*
- BIO 5576 Special Topics (1-4)**  
Specialized topics not generally included in course offerings. *Prerequisite: Permission of instructor*
- BIO 5578 Cell Biology (3)**  
This course covers cell structure and function with the emphasis on biochemical and molecular mechanisms. Topics include cell movement, differentiation, and recognition. *Prerequisites: Genetics, Microbiology, Organic chemistry. Co-requisite: BIO L578*
- BIO L578 Cell Biology Lab (1)**  
Experimental approaches for studying cells at the biochemical and molecular levels. *Co-requisite: BIO 5578*
- 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 macro invertebrate and fish assemblages, and the index of biological integrity. *Prerequisites: BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite: 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 macro invertebrate assemblages. In addition, students will learn the use of the index of biological integrity using their own collections of fish assemblages. *Prerequisites: BIO 1101/L101; 2202/L202 or 2229/L229. Corequisite: BIO 5579.*
- BIO 5580 Histology (3)**  
A study of the microscopic anatomy and function of cell types and tissues of mammalian organs. *Prerequisite: general biology. Co-requisite: BIO L580*
- BIO L580 Histology Lab (1)**  
A study of the microscopic anatomy of cell types and tissues of mammalian organs. *Co-requisite: 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. *Prerequisites: Genetics, Microbiology, Organic Chemistry. Co-requisite: 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. *Co-requisite: BIO 5582*

- 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 6600 Aquatic Entomology (3)**  
A study of the morphology, physiology, taxonomy, life histories, and ecology of aquatic insects. *Prerequisites: General Biology, General Ecology. Co-requisite: BIO L600*
- BIO L600 Aquatic Entomology Lab (1)**  
Classification and identification of immature and adult aquatic insects. A collection is required. *Co-requisite: BIO 6600*
- 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 (2) 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)**  
**6618** 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 lecturers. Candidates for the master’s degree in the thesis option will present their research findings and conclusions.
- 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. *Prerequisites: 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)**  
**6626** 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: 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: general chemistry*
- BIO 6643 Biological Chemistry (3)**  
Biological Chemistry emphasizes the classification, structure, function and metabolism of proteins, carbohydrates, lipids and nucleic acids; intermediary metabolism and bioenergetics; enzyme structure, function and kinetics; and storage and expression of genetic information. *Prerequisites: CHM 3343/L343*

- BIO 6645 Biotechnology Techniques (3)**  
Biotechnology Techniques laboratory emphasizes the fundamental theory and techniques used in the isolation, characterization, and study of biochemical molecules. *Prerequisites: CHM 3343/L343*
- 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. *Prerequisites: BIO 6630, BIO L630, or permission of chair. Co-requisite: 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. *Co-requisite: BIO 6650.*
- 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: 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: An undergraduate ecology course is highly recommended.*
- BIO 6662 Invasive Species Biology (3)**  
This course will familiarize students with the principles of ecological invasions and factors affecting the spread and impacts of invasive species. Students will also become familiar with major sources of exotic species introductions, and methods available for prevention and control.
- 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)**  
**6671** Specialized topics not generally included in course offerings. A maximum total of 4 semester hours is allowed for program credit.
- 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. *Prerequisite: Three semester hours in probability and statistics or permission of instructor. A grade of "B" or better is required.*
- 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. Prerequisites: 3.0 GPA and permission of the Chair of the Biological and Environmental Sciences department.*
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- BIOMEDICAL SCIENCE**
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- BMS 6615 Medical Microbiology and Immunology (3)**  
Emphasizes the basic clinical applications of microbiology and immunology in the treatment and prevention of infectious diseases. *Co-requisite: BMS L615*
- BMS L615 Medical Microbiology and Immunology Lab (1)**  
The lab focuses on techniques in medical microbiology and immunology. *Co-requisite: BMS 6615*
- BMS 6620 Neuroscience (3)**  
Introduces the structure and functions of the nervous system. Special attention will be placed on the functional systems of the brain and the senses.
- BMS 6625 Medical Cell Biology (3)**  
Focuses on the cellular and molecular bases of human diseases and disease processes. *Co-requisite: BMS L625*
- BMS L625 Medical Cell Biology Lab (1)**  
The lab introduces students to experimental techniques that are used for studying cells. *Co-requisite: BMS 6625*
- 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.
- BMS 6635 Medical Physiology (3)**  
Reviews the functions of the various organ systems and their integration in the human body at an advanced level.
- BMS 6640 Anatomical Sciences (8)**  
This intensive course is organized by the four major body regions: upper limbs; back and lower limbs;

thorax, .abdomen and pelvis; and head and neck. Histology and embryology will be taught within this course. *Permission of the instructor and department chair required.*

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**BUSINESS**

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**BUS 5501 Survey of Business Concepts I (3)**  
Survey of Business Concepts I provides a survey of key concepts in Management, Marketing, Management Information Systems, and Law that provides a foundation for further study in the MSM or MSHRM courses. Course will not transfer to any other programs. *Students must earn a grade of "B" or better in the course.*

**BUS 5502 Survey of Business Concepts II (3)**  
Survey of Business Concepts II provides a study of key concepts in Accounting, Finance, Quantitative Management, and Economics that provides a foundation for further study in the MSM or MSHRM courses. Course will not transfer to any other programs. *Students must earn a grade of "B" or better in the course.*

**BUS 6601 International Business Law (3)**  
A review of international business legal systems and international law as it applies to Multinational businesses operating in a Global environment to include: international sales, credits, and commercial transactions, international treaties, U.S. trade law and regulation of the international market place.

**BUS 6607 Capstone Experience (1)**  
This course is a complement to the capstone course in the MBA program. It provides an opportunity to apply the concepts learned in earlier courses and in the capstone course by using an international business simulation. The course includes two program assessments. *A grade of "B" or better is required to complete this course successfully. The course may not be transferred into the MBA program from another institution.*

**BUS 6605 Business & Professional Communication (3)**  
Development of skills to assist managers to communicate to both internal and external audiences, to conduct meetings, to negotiate, and to resolve conflict. Emphasis is placed on oral and written presentation skills using state of the art technologies and presentation software. *Prerequisite: All business foundation courses or equivalent.*

**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. Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed.*

**BUS 6610 Business Research Design (3)**  
Designed for the student to develop and demonstrate competency in business research methodology and

techniques. This course teaches the business student proper research techniques and includes a research proposal. *A grade of "B" or better is required. Prerequisite: All business foundation courses or equivalent.*

**BUS 6611 Global Business Strategy (3)**  
This course is the capstone course in the MBA program. It integrates the skills and knowledge developed in earlier courses and emphasizes case analysis. Formulation and implementation of strategies are stressed. The course includes two program assessments. A grade of "B" or better is required to complete this course successfully. The course may not be transferred into the MBA program from another institution.

**BUS 6612 Applied Business Research (3)**  
The study of applied research of business problems to develop managerial skills in the preparation and evaluation of a research project. *A grade of "B" or better is required. Prerequisite: All business foundation courses or equivalent.*

**BUS 6613 Seminar in Business (3)**  
Study and analysis of current topics on the leading edge of business. A combination of core material, readings, and research reports on contemporary aspects of business. *Prerequisite: All business foundation courses or equivalent.*

**BUS 6625 Specialized Study in the Area of Business Administration (1-3)**

**6626**  
**6627**  
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 on once in student's program. *Prerequisite: All business foundation courses or equivalent.*

**BUS 6694 Global Immersion (1-3)**  
This course will be developed as required by designated faculty. For example, a trip to visit a number of businesses engaged in export activity can be arranged, or an overseas trip conducted by a tour agency to visit overseas firms during a break period with a faculty member is feasible.

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**CHEMISTRY**

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**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. *Prerequisites: 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: 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. *Prerequisites: CHM 2242, 5552 and 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. *Co-requisite or prerequisite: CHM 5544*

**CHM 5545 Instrumental Analysis (3)**

A study of the operating principles of modern analytical instrumentation for determining composition and concentration. *Prerequisites: CHM 2242, CHM 3343; PHY 2253 and L253 or PHY 2263 and L263. Co-requisite: 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. *Co-requisite: 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: CHM 3343; PHY 2253 and L253 or PHY 2263 and L263; MTH 1126. Co-requisite: 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. *Co-requisite: 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 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. *Co-requisite or prerequisite: CHM 5553*

**CHM 6625 Specialized Study in Area of Chemistry (1-4)**

**6626** 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.*

**6627**

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**CRIMINAL JUSTICE**

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**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 (3)**

A critical review through case studies of recent trends and developments affecting the interpretation of major portions of the United States Constitution which safeguard personal liberties and those which safeguard the public; an examination of principal trends and changes in the judicial processes in the light of historical experience.

**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 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.
- 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 6640 Seminar in Law Enforcement (3)**  
An in-depth examination of the various issues and problems currently being experienced in American policing.
- 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 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. Students must have completed 12 hours in the program before enrolling in this course.*
- 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 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 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 6671 Organization Theory (3)**  
An examination of the theories of modern criminal justice organization, including current trends and development.
- CJ 6690 Capstone for Criminal Justice (3)**  
This course is the culmination of the MSCJ program and serves to assess the student's ability to critically analyze and integrate learning acquired in coursework across the program. Emphasis is on critical examination of current trends and research in criminal justice as well as design and implementation of criminal justice research. Comprehensive examinations will be administered in each of the MSCJ program core curriculum areas. Students must earn a grade of "B" or better in the course. Students should enroll in the capstone course during their last semester of enrollment. *Prerequisites: Students must have successfully completed at least 24 semester hours of coursework which must include all core courses (CJ 6610, CJ 6620, CJ 6636, and CJ 6650). Students must have a GPA of at least 3.0 and a grade of "B" or better in CJ 6650 before enrolling in the capstone course.*
- CJ 6692 Agency Experience (3)**  
A supervised practice in an approved criminal justice agency. Reserved for students with no prior experience in a criminal justice setting.
- 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 6694 Thesis Practicum (3)**  
This course is designed to offer the student who elects to write a thesis an opportunity to review research strategies, initiate a literature search, and prepare preliminary drafts of the thesis. *The student will receive a letter grade of "IP" until the completion of the thesis. Enrollment is available ONLY to students in residence at the Troy, Alabama campus.*

**CJ 6695 Thesis (3)**  
The completion and oral defense of the thesis. *Grading system is Pass / Fail. Enrollment is available ONLY to students in residence at the Troy, Alabama campus.*

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### COMMUNICATION STUDIES

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**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 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)**  
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 6625 Specialized Study in Area of Speech  
6626 Communication (1-3)**

**6627** 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 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. *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 completed 18 hours of coursework in the program.*

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### COUNSELING

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**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. *Prerequisites: Recommended 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 Seminar in the Prevention/Treatment of Chemical Dependency (3)**  
An examination of specified issues which must be addressed to promote successful recovery in the treatment of chemical dependency.
- 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 6620 Readings in Counseling and Psychology (1-3)**  
**6621** An independent exploration of the literature related  
**6622** 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)**  
**6626** A study of a problem or a topic using research  
**6627** 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 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 on-campus supervision with the university supervisor. Internship equals 300 clock hours, to include 120 hours of direct student affairs service. *Prerequisite: CP 6650. Grading system is Pass/Fail.*
- 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 on-campus supervision with the university supervisor. Internship equals 300 clock hours, to include 120 hours of direct student affairs service. *Prerequisite: CP 6638. Grading system is Pass/Fail.*
- 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. *Prerequisite: 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 mod-

els 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 role-playing.
- CP 6650 Practicum (3)**  
This study 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 on campus group supervision designed to provide opportunity for analysis and evaluation of supervised activity. Students enrolled in practicum must complete requirements in program major area. Students changing majors will be required to retake practicum in another program area. *Grading system is Pass / Fail. Prerequisites: 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; 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 6655 Practicum: General Counseling (3)**  
This study 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 hours of direct service with clients. Experiences are accompanied by regularly scheduled, weekly on-campus group supervision designed to provide opportunity for analysis and evaluation of supervised activity. *Grading system is Pass / Fail. Prerequisites: Permission of instructor and department chair required. 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 scheduled on campus 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: CP 6650.*
- 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 scheduled on campus supervision with the university supervisor. Internship equals 300 clock hours, to include 120 hours of direct student service. *Grading system is Pass/Fail. Prerequisite: CP 6657.*
- CP 6659 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 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: Completion of CP 6650 and adviser 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. 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: Completion of CP 6650 and adviser 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: Completion of CP 6650 and adviser 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, on-campus, 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: Completion of CP 6650 and adviser 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, on-campus, 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: Completion of CP 6650 and adviser 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.*

**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 scheduled on campus supervision with the university supervisor. 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: Completion of CP 6650 and adviser approval.*

**CP 6671 Internship: Rehabilitation Counseling (3)**

This course provides supervised experience in a rehabilitation setting. The experience will be accompanied by scheduled on campus supervision with the university supervisor. 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: CP 6650*

**CP 6680 Seminar: Counseling Approaches to Working with Hearing Impairment (3)**

This course is taken in conjunction with the practicum/internship in rehabilitation counseling, offers students an opportunity to apply medical, psychological and sociological research/techniques to counseling with individuals who are hearing impaired. *Prerequisite: 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, psychological and sociological research/techniques to counseling with individuals who are visually impaired. *Prerequisite: Permission of instructor.*

**CP 6682 Leadership and Advocacy: Hearing Impairment (3)**

The purpose of this course is to develop an appreciation for the organization, administration, and coordination of services for the hearing impaired. Strategies for consulting with various agencies, educating the general public, counseling with hearing impaired and their families as well as approaches for advocating for these populations will be explored. *Prerequisites: CP 6650, CP 6652, PSY 6653. Taken in conjunction with internship.*

**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. *Prerequisites: 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 Placement of Special Disability Groups (3)**  
A study of effective job development and placement techniques and strategies in the rehabilitation process for disability groups traditionally challenging to place: Blind, Deaf, Hard of Hearing, Mentally Ill, Traumatic Brain Injured, Spinal Cord Injured, Multi-disabled and Learning Disabled.
- 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 and Psychology programs are required to take CP 6691 Research Methodology only at Troy University. This research course may not be substituted with another Troy University research course or one transferred from another university. 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. *Prerequisites: CP 6642 and CP 6650 or equivalents and permission of the instructor. Enrollment restricted to Ed.S. students.*
- 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: CP 6649 or equivalent*
- CP 7725 Advanced Studies in Counseling (1-3)**  
**7726** 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 7753 Internship: Advanced Counseling (1-3)**  
**7754** 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 on-campus meetings designed to provide opportunity for analysis and evaluation of supervised activity. *Grading system is Pass/Fail.*
- CP 7791 Research Seminar (1-3)**  
**7792** This course provides in-depth assistance to prepare students for development of, research for, and preparation of theses or field project proposal.  
**7793**
- 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)**  
**7796** 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.*
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- COMPUTER SCIENCE**
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- 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. *Prerequisite: CS 3310, CS 3365 or CS 4445*
- CS 5549 Analysis of Algorithms (3)**  
This course discusses various algorithms that solve searching, sorting, and cryptographic problems. There are many candidate algorithms to solve such problems. Tradeoffs involved when choosing an algorithm are discussed. Sorting algorithms such as merge, insertion, quick, and heap, search algorithms such as binary search tree, red-black tree, hashing, and B-Trees are discussed. *Prerequisite: CS 3323*
- 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 (scheduling, intercommunication, synchronization, and deadlock handling), storage management (memory management and virtual memory management). I/O systems (hardware, interfaces, request-handling, performance issues). Applications of these concepts in modern operating systems such as Windows and Unix are presented. *Prerequisite: CS 3323*
- CS 6625 Specialized Study in Computer Science (1-3)**  
**6626** This course involves the study of a problem or problems using research techniques. Selection of a 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*  
**6627**

*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 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. *Prerequisite: CS 3323*
- 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. *Prerequisite: CS 3372 or 3370*
- 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. *Prerequisite: CS 5547*
- 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 are presented in this course. *Prerequisite: CS 5547*
- 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. *Prerequisite: CS 3325 or CS 5547*
- 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. *Prerequisites: 12 semester hours of graduate credit*
- 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, hyper-trees, chordal hypergraphs, planar hypergraphs and hypergraph coloring, colorability, perfection, and chromatic spectrum. *Prerequisites: CS 3323 and MTH 4420, or permission of the instructor.*
- 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. *Prerequisite: CS 3323*
- 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. *Prerequisite: CS 3323*
- 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. *Prerequisite: CS 4445*
- 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. *Prerequisite: CS 4447 recommended*
- 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. *Prerequisite: CS 3329*
- 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 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.

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### DRAMA

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**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.*

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### EDUCATIONAL ADMINISTRATION & LEADERSHIP

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**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 (3)**  
This course deals with the development of knowledge and skills needed for the responsibilities and major functions of educational leaders. The concept of leadership is discussed from both a theoretical and practical standpoint. Distinctions between management skills and leadership skills are emphasized. Key leadership challenges such as vision, motivation, staff development, inclusive decision making and strategic planning are stressed. Historical and contemporary accounts are successful leaders are utilized. 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.

**EAL 6653 Evaluation and Organizational Improvement (3)**  
This course focuses on basic models and approaches used in evaluating programs and processes for effectiveness. Students will define and discuss evaluation concepts and explore conceptual issues and practical guidelines for conducting a program evaluation.

ENVIRONMENTAL AND BIOLOGICAL SCIENCES	
<b>EBS 5513 Limnology (3)</b> The physical, chemical, geological, and biological aspects of freshwater ecosystems as influenced by activities in surrounding watersheds. Prerequisite: General Biology. <i>Co-requisite: EBS L513</i>	<b>EBS L530 Applied Genetics Lab (1)</b> An introduction to procedures and equipment used in the study of cytogenetics and molecular genetics. <i>Co-requisite: EBS 5530</i>
<b>EBS L513 Limnology Lab (1)</b> Field and laboratory exercises in lake and stream science, including instrumentation, measurement, sampling, and analysis. <i>Co-requisite: EBS 5513</i>	<b>EBS 5550 Environmental History of the U.S. (3)</b> An introduction to environmental history of the United States from the 18 <sup>th</sup> century to the late 20 <sup>th</sup> century, emphasizing the post World War II 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, as well as responses by grassroots activists over time.
<b>EBS 5516 Microbial Ecology (3)</b> The study of the 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. <i>Prerequisites: Microbiology, Organic Chemistry. Co-requisite: EBS L516</i>	<b>EBS 5551 Toxicology (3)</b> A study of the principles related to the adverse effects of chemicals on living organisms. <i>Prerequisite: organic chemistry. Co-requisite: EBS L551</i>
<b>EBS L516 Microbial Ecology (1)</b> Microbial ecology laboratory techniques including isolation, identification, and enumeration of microorganisms from aquatic and terrestrial environments. <i>Co-requisite: EBS 5516</i>	<b>EBS L551 Toxicology Lab (1)</b> Assessment of terrestrial and aquatic toxicity of chemical agents following standard protocols. <i>Co-requisite: EBS 5551</i>
<b>EBS 5520 Field Vertebrate Zoology (4)</b> The basics of vertebrate identification, with emphasis on phylogeny, anatomy, morphology, life histories, habitats, distributions, and conservation. <i>Prerequisites: General Biology, General Chemistry</i>	<b>EBS 5552 Industrial Hygiene (3)</b> Identification and correction of chemical, biological, and physical hazards in and around the workplace. <i>Prerequisite: organic chemistry. Co-requisite: EBS L552</i>
<b>EBS 5521 Population Ecology (3)</b> A study of animal and plant populations, food supply, competition, disease, fecundity, distribution, and other environmental factors. Management of endangered species and protected ecosystems are included. <i>Prerequisites: General Ecology, Genetics, General Chemistry, Statistics. Co-requisite: EBS L521</i>	<b>EBS L552 Industrial Hygiene Lab (1)</b> Methods and procedures for sampling, analyzing, and evaluating chemical, biological, and physical agents in the workplace. <i>Co-requisite: EBS 5552</i>
<b>EBS L521 Population Ecology Lab (1)</b> Field exercises in identifying ecological problems, formulating and testing hypotheses, and evaluating data using standard statistical methods. <i>Co-requisite: EBS 5521</i>	<b>EBS 5576 Special Topics (1 - 4)</b> Specialized topics not generally included in course offerings. <i>Prerequisite: Permission of instructor</i>
<b>EBS 5525 Field Botany (4)</b> 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. <i>Prerequisites: General Biology, General Ecology</i>	<b>EBS 5578 Cell Biology (3)</b> This course covers cell structure and function with the emphasis on biochemical and molecular mechanisms. Topics include signal transduction, cytoskeleton, intracellular compartments, cell movement, differentiation, and recognition. <i>Prerequisites: genetics, microbiology, organic chemistry. Co-requisite: EBS L578</i>
<b>EBS 5530 Applied Genetics (3)</b> Advanced studies in genetics with emphasis on cytogenetics and molecular genetics. <i>Prerequisites: Genetics, Organic Chemistry. Co-requisite: EBS L530</i>	<b>EBS L578 Cell Biology Lab (1)</b> Experimental approaches for studying cells at the biochemical and molecular levels. <i>Co-requisite: EBS 5578</i>
	<b>EBS 5579 Environmental Assessment (3)</b> 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 macro invertebrate and fish assemblages, and the index of

biological integrity. *Prerequisites:* BIO 1101/L101; 2202/L202 or 2229/L229. *Corequisite:* EBS L579.

**EBS 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 macro invertebrate assemblages. In addition, students will learn the use of the index of biological integrity using their own collections of fish assemblages. *Prerequisites:* BIO 1101/L101; 2202/L202 or 2229/L229. *Corequisite:* EBS 5579.

**EBS 5582 Molecular Biology (3)**

A study of the fundamental principles of chromosomal organization and gene expression, with emphasis on the structure and function of nucleic acids and proteins. *Prerequisites:* genetics, microbiology, organic chemistry. *Co-requisite:* EBS L582

**EBS 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. *Co-requisite:* EBS 5582

**EBS 6600 Aquatic Entomology (3)**

A study of the morphology, physiology, taxonomy, life histories, and ecology of aquatic insects. *Prerequisites:* general biology, general ecology. *Co-requisite:* EBS L600

**EBS L600 Aquatic Entomology Lab (1)**

Classification and identification of immature and adult aquatic insects. A collection is required. *Co-requisite:* EBS 6600

**EBS 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.

**EBS 6603 Environmental Management (3)**

Concepts and practices underlying procedures for environmental resource management, including planning, organizing, and conducting programs.

**EBS 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 alternatives in developing global policies and treaties to address these problems.

**EBS 6612 Environmental Impact Studies/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.

**EBS 6615 Environmental Law, Permitting, and Regulatory Compliance (3)**

A study of the steps needed and programs required to insure that public and private sector organizations are in compliance with federal and state environmental regulations. *Prerequisites:* An undergraduate ecology or environmental course, or approval of adviser.

**EBS 6617 Seminars 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.

**EBS 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 or organization, and a basic understanding of the risk of environmental pollutants and the science of risk assessment. *Prerequisites:* Eight semester hours or equivalent of chemistry

**EBS 6623 Environmental Negotiations and Conflict Resolution (3)**

An examination of the approaches to resolving environmental disputes through alternative dispute resolution techniques.

**EBS 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. *Prerequisite:* None

**EBS 6625 Specialized Study in Environmental and Biological Sciences (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. This may include educational activities or training outside of the University. The student will follow the guidelines that the Department has established for the supervision and the pursuance of this study. *Requires approval of the student's adviser and the department chair. See semester hour limits listed under Course Restrictions in General Regulations section.*

- EBS 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: general chemistry.*
- EBS 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: general chemistry.*
- EBS 6635 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.
- EBS 6637 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.
- EBS 6643 Biological Chemistry (3)**  
Biological Chemistry emphasizes the classification, structure, function and metabolism of proteins, carbohydrates, lipids and nucleic acids; intermediary metabolism and bioenergetics; enzyme structure, function and kinetics; and storage and expression of genetic information. *Prerequisites: CHM 3343/L343*
- EBS 6645 Biotechnology Techniques (3)**  
Biotechnology Techniques laboratory emphasizes the fundamental theory and techniques used in the isolation, characterization, and study of biochemical molecules. *Prerequisites: CHM 3343/L343*
- EBS 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. *Prerequisites: EBS 6630, EBS L630, or permission of chair. Co-requisite: EBS L650*
- EBS L650 Spatial Analysis Using Geographical Information Systems (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. *Co-requisite: EBS 6650*
- EBS 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: An undergraduate ecology course is highly recommended.*
- EBS 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: An undergraduate ecology course is highly recommended.*
- EBS 6662 Invasive Species Biology (3)**  
This course will familiarize students with the principles of ecological invasions and factors affecting the spread and impacts of invasive species. Students will also become familiar with major sources of exotic species introductions, and methods available for prevention and control.
- EBS 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. *Prerequisites: None*
- EBS 6670 Special Topics (1-4)**  
**6671** Specialized topics not generally included in course offerings. *A maximum total of four semester hours is allowed for program credit.*
- EBS 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. *Prerequisite: Three semester hours in probability and statistics or permission of instructor. A grade of "B" or better is required.*
- EBS 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. Prerequisites: 3.0 GPA and permission of the Chair of the Biological and Environmental Sciences department.*

Refer to specific departmental listings in the *Troy University Graduate Catalog* for full course descriptions of BIO (biology), BUS (business), CHM (chemistry), and GEO (geography). Information pertaining to MB (marine biology) is also provided.

*Note: Graduate students may not enroll in a 5000 numbered course if it duplicates the same course listed on an undergraduate transcript.*

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**EARLY CHILDHOOD**


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- 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)**  
**6626 (1-3)**  
**6627** 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.
- 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 elemen-

terary 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. *Grading system is Pass/Fail.*

**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: 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.

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**ECONOMICS**

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**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: 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 econo-

my, wages, prices, and employment; and labor economics in the microenvironment. An introduction to wage determination policies and strategies in a competitive global marketplace. *Prerequisite: 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: All business foundation courses or equivalent.*

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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. *Prerequisite: EDG 6666*

**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. *Prerequisite: EDG 6666.*

**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. *Prerequisites: EDG 6666, EDG 6667, and EDG 6668.*

**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. *Prerequisite: EDG 6666.*

**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: At least six hours in teaching field component and a research course must be completed.*

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**EDUCATION**

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**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 applications, software, desktop publishing, graphics, hypermedia, and the internet. *Prerequisite: 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: 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. *Prerequisites: undergraduate or graduate technology course or placement exam*

**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 Advanced Instructional Design (3)**

This course further exposes students to the pedagogies, processes, tools, and techniques that facilitate proficiency in developing instructional strategies and materials. This includes case study analysis and in-depth discussion of the literature to foster theoretical application and evaluation of instructional design products. *Prerequisite: EDU 6613*

**EDU 6616 Distance Learning Strategies (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: 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: 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: EDU 6617*

**EDU 6625 Specialized Study in Area of Education (1-3)**

**6626**  
**6627**  
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). All traditional masters degree teacher education candidates must complete this course in the first nine semester hours attempted. Formal admission to Graduate Teacher Education Program (GTEP) will be completed as a part of the course. *A grade of "B" or better is required.*

**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. 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: 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: 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: 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)**

**7726** Study of the problem using research techniques.

**7727** 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)**

**7752** 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.

**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 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: 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.*

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**ELEMENTARY EDUCATION**


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- 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)**  
**6626**  
**6627**  
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.
- 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 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)**  
**7726**  
A study of a problem using research techniques.

- 7727 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: 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.*
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- MASTER OF BUSINESS  
ADMINISTRATION-EXECUTIVE**
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- EMBA 5501 Survey of Business Concepts (3)**  
An overview course of the business management field including the functional areas of accounting, economics marketing, finance, human relations and human resource management. *Must be completed as a prerequisite by all students as a condition of entrance in the EMBA program. (Prerequisite course to EMBA program; not for credit in other degree programs) Student must earn a "B" grade or better.*
- EMBA 6603 Human Resource Management (3)**  
An overview of recruitment, selection, training, retention, compensation, and termination of employees and the relationship of an HR strategy to the strategic and operational roles of general managers.
- EMBA 6611 Business Strategy (3)**  
This course is the capstone course in the EMBA program. It integrates the skills and knowledge developed in earlier courses and emphasizes case analysis. Formulation and implementation of strategies are stressed. The course includes an end-of-course comprehensive examination. A grade of "B" or better is required to complete this course successfully. The course may not be transferred into the EMBA program. Students are required to complete the graduate Educational Testing Service Major Field Test and a Capstone Examination in this course. *Prerequisites: Completion of a minimum of 27 semester hours in the EMBA program, with a "B" average or better, including the following courses: ACT 6691, EMBA 6651, EMBA 6631, EMBA 6661 and EMBA 6640 or 6641; or approval of the department chair. Students should be in the last*

*term of their program when completing this course. A grade of "B" or better is required.*

**EMBA 6625 Specialized Study in the Area of EMBA**

**6626 Concentration (1-3)**

**6627** A 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. Preparation of an applied research paper is required and may involve an oral defense. See semester hour limits listed under Course Restrictions in General Regulations section.

**EMBA 6631 Managerial Finance (3)**

A comprehensive and advanced study of financial analysis, planning, and control techniques for a business entity with emphasis on corporations.

**EMBA 6640 Quantitative Analysis for Managers (3)**

This course provides an in-depth study of the fundamental theories, concepts, and principles of statistics. Coursework will include extensive use and application of statistical tools to analyzing business data using statistics software. Topics covered include descriptive statistics, probability distributions, sampling, estimation, hypothesis testing, ANOVA and regression analysis.

**EMBA 6641 Decision Theory (3)**

An analysis of the probabilistic and deterministic quantitative techniques available to the business manager involved in the decision making process of the market place. Included is an evaluation of the models and processes now available for problem-solving purposes.

**EMBA 6651 Managerial Economics (3)**

A study of the decision-making process of business firms in the resource allocation process. Both the functioning of markets and the decisions of firms in a variety of market structures are considered. Various theories of the firm are used to study the optimal decision-making rules for business firms under conditions of uncertainty.

**EMBA 6661 Strategic Marketing Management (3)**

An application of marketing concepts, principles and procedures for planning, development, implementation and control of marketing programs in profit and non-profit organizations. Emphasis is on the matching of organization resources and strengths with global marketing opportunities, and strategies to overcome environmental threats.

**EMBA 6671 Organizational Behavior (3)**

A study of contemporary concepts and theories of organization and the behavior of individuals and groups applied to organizations in the global business environment.

**EMBA 6673 Operations Management (3)**

An analysis of the conditions under which production and management of goods and services take place in business organizations with attention to the

delineation of roles played by management and labor in carrying out production and application of selected quantitative techniques used in production.

**EMBA 6674 Ethics in Business (3)**

The course examines ethical problems and issues faced by managers in the American business and industry with attention to analyzing issues and developing recommended approaches to increase long-term organizational effectiveness.

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**ENGLISH**

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**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 16<sup>th</sup> and early 17<sup>th</sup> 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 20<sup>th</sup>- and 21<sup>st</sup>-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 19<sup>th</sup> century.

**ENG 5526 Modern Poetry (3)**

A study of 20<sup>th</sup>- and 21<sup>st</sup>- 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 non-dramatic 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 18<sup>th</sup> Century Literature (3)**  
A study of English prose and poetry in the Restoration and early 18<sup>th</sup> century, with emphasis on Dryden, Behn, Swift, and Pope.
- ENG 6625 Specialized Study in Area of English (1-4)**  
**6626** A study of problem or problems using research  
**6627** 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, cross-linguistic 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 varia-
- tion 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 Lin-

guistics. 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)**  
**6671** Maximum of two semesters. Study of topic of  
**6672** 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 prerequisite 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: All courses in Teaching Field Component and ENG 6691 must be completed.*

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## FINANCE

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**FIN 6625 Specialized study in the Area of Finance (1-3)**  
**6626** Study of problem or problems using research  
**6627** 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: 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: 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: 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: 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: FIN 6631.*

**FIN 6651 Financial Institutions (3)**  
A comprehensive graduate study of financial markets and institutions. *Prerequisite: 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: FIN 6631.*

**FIN 6653 Finance Research (3)**  
A comprehensive graduate study of practical research in Finance. *Prerequisite: 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: 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. For the MBA this is a research course. *A grade of "B" or better is required. Prerequisite: MBA 6631.*

**FIN 6658 Special Topics in Finance (3)**  
A study in unique topics in Finance. *Prerequisite: FIN 6631.*

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**GEOGRAPHY**


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- 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 5504 Economic Geography (3)**  
A study of the spatial patterns of economic activities including production, distribution, consumption and the environmental consequences of these activities.
- 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 5508 Rural America: Past and Present (3)**  
A study of rural society, its organizations, agencies, institutions, population trends and composition, patterns of settlement, social processes, and change in character.
- 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 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 6624 Geographic Characteristics of the Developing Realm (3)**  
This course focuses on the identification and analysis of the social, economic, demographic, environmental, and political characteristics of the developing realm.
- GEO 6625 Specialized Study in Area of Geography (1-6)**  
**6627** 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.

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**HISTORY**


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- HIS 5501 French Revolution and Napoleon (3)**  
A study of the absolutist-aristocratic France challenged by democratic-egalitarian ideals and revolution. The role of Napoleon as conqueror of Europe and as propagator and destroyer of the French Revolution is also studied.
- HIS 5502 Europe from 1815-1900 (3)**  
A study of Europe from the Congress of Vienna to 1900, including political, social, and economic developments in various countries, the rise of nationalism and unification movements, and imperialism.
- HIS 5503 Contemporary Europe (3)**  
Traces European developments in the 20<sup>th</sup> century, including domestic developments, World War I, Great Depression, rise of totalitarianism, World War II, European integration, the Cold War, and the post-Cold War era.
- HIS 5504 Military History of the United States (3)**  
A study of war in U.S. history from the colonial era through the Vietnam war, with emphasis on the role of warfare in American history and the military-civilian relationship.
- HIS 5505 Old South (3)**  
An examination of the cultural, political, religious, and economic trends that shaped the colonial and antebellum south and the Civil War which ended that era.
- HIS 5506 New South (3)**  
An examination of the political, social, racial, and religious trends and policies that defined the New South. Topics include reconstruction, redemption, agrarian unrest, Jim Crow, industrialization, Progressive Movement, World War I, the Great Depression, World War II, and the Civil Rights Movement.
- HIS 5509 England To 1688 (3)**  
A survey of English history from the Anglo-Saxons to the Glorious Revolution, emphasizing the interaction of the geographical, political, economic, and cultural forces which shaped England as a monarchy.

- HIS 5510 England Since 1688 (3)**  
The final evolution of the English political system from the reign of William and Mary to the contemporary era, including social and economic transformations, the British Empire, the two world wars, the welfare state, and current issues.
- HIS 5511 Colonial America (3)**  
Study of the colonial period from European discovery to the end of the French and Indian War, with emphasis on the political, economic, and social developments that set the stage for the American Revolution.
- HIS 5512 American Revolution and New Nation (3)**  
Ideas and institutions which led to American independence, the creation of an American union, and the development of a distinctive American culture in the period preceding 1800.
- HIS 5513 Sectionalism, Civil War and Reconstruction (3)**  
Examines territorial expansion, slavery and sectional strife, and the resulting Civil War and Reconstruction.
- HIS 5514 Gilded Age and Progressive Era (3)**  
Examines the period in American history between 1877 and 1920. Topics covered include the results of Reconstruction, the development of the New South, agricultural decline and crisis, industrialization, urbanization, Progressive Era reform, the growth of America as a world power, and the causes and effects of World War I.
- HIS 5515 Contemporary America(3)**  
Examines the political, economic, and cultural themes in American history from 1945 to the present. Topics covered include the effects of World War II, the origins and development of the Cold War, the Civil Rights Movement, other social movements of the 1960s and 1970s, the Vietnam War, the economic and political crises of the 1970s, the rise of conservatism in the 1980s, and the effects of America's rise to superpower status.
- HIS 5517 Jacksonian America (3)**  
A study of the emerging American nation. Topics will include Jeffersonian and Jacksonian democracy, the market revolution and slavery, the Second Great Awakening and the rise of reform movements, Manifest Destiny, and the Mexican War.
- HIS 5520 The Vietnam War (3)**  
A study of the period 1946 to 1975 in Indochina with emphasis on the American involvement during and after the French colonial period, the escalating involvement of the Kennedy and Johnson administrations, and Vietnamization and withdrawal under President Nixon. *Note: May be used for political science credit.*
- HIS 5521 African American History (3)**  
A study .of the history of African Americans from the 17th century to the present, including slavery, Civil War and emancipation, legalized discrimina-
- tion, and the struggles for equality in post World War II American society.
- HIS 5522 History of American Women (3)**  
A study of the history of women in America from the 17th century to the present, exploring the major economic, religious, social, and political ideas and developments which have shaped their status and role in American history.
- HIS 5523 American Diplomatic History (3)**  
A study of the factors, forces, and functions in the making of American foreign policy from the 1760's to the present. *Note: May be used for political science credit.*
- HIS 5530 Civil Rights Movement (3)**  
Study of the origins of the Civil Rights Movement in the late 19th century, beginnings of change in the 1930s and the World War II era, and the movement itself as defined by legal, political, and social conflict and change from the latter 1940s to the present.
- HIS 5533 Modern Russia (3)**  
The development of the revolutionary movements and tsarist reform attempts, World War I, the revolutions of 1917 and Bolshevik victory, establishment of the Stalinist state, World War II, the Cold War, Soviet domestic problems, and the disintegration of the USSR.
- HIS 5537 Interwar and World War II America (3)**  
A study of America in the years between the end of World War I and the end of World War II. Topics will include cultural and economic changes during the 1920s, the causes and effects of the Great Depression, the programs of the New Deal, and the diplomatic, cultural, and social causes and effects of World War II.
- HIS 5538 The Cold War (3)**  
This course explores the history of the Cold War, focusing on its origins, the major events (the Korean War, the Cuban Missile Crisis, the Vietnam War, the Berlin Crises, and so on), and the collapse of the Soviet Union. The emphasis of the course is placed on analyzing newly available primary documents from Western and former communist sources and their impact on previous Cold War historiography.
- HIS 5540 History of American Minorities (3)**  
A study of selected ethnic, racial, cultural, social, and religious minorities, their treatment within and their contributions to American society.
- HIS 5541 American Constitutional Development (3)**  
American constitutional system with emphasis upon its origin and evolution via amendments and Supreme Court decisions. *Note: May be used for political science credit.*
- HIS 5542 Renaissance and Reformation (3)**  
Historical review of the transitional centuries bridging the medieval and the modern eras, including the rebirth of art and literature, the Protestant and Catholic reform movements, and the role of kings and states.

- HIS 5543 Age of Absolutism (3)**  
Survey of political and religious controversies that shaped affairs in Europe during the 16<sup>th</sup> and 17<sup>th</sup> centuries, emphasizing the flowering of monarchy and aristocracy.
- HIS 5544 Enlightenment Europe (3)**  
Survey of European history in the 18<sup>th</sup> century, emphasizing the cataclysmic developments in scientific, political, humanitarian, and economic thought that prepared the way for the rise of democracy in both the old and the new world.
- HIS 5545 Modern Germany (3)**  
Survey of Germanic peoples from the Revolutions of 1848 to the present, emphasizing unification, two world wars, postwar division, and reunification.
- HIS 5548 The West in American History (3)**  
Study of the history of the American West from European contact to the present. Topics will include the role of the US government, the effects of American expansionism on immigrants and indigenous populations, and struggles over resources and territory.
- HIS 5550 Environmental History (3)**  
An introduction to environmental history of the United States from the 18<sup>th</sup> century to the late 20<sup>th</sup> century, emphasizing the post World War II 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.
- HIS 5551 Modern East Asia (3)**  
Study of the development and interaction of Chinese, Japanese, and Korean civilizations; the impact of Western cultures, twentieth century conflicts, resolutions and accommodations.
- HIS 5552 History of Africa (3)**  
Study of 19<sup>th</sup> and 20<sup>th</sup> century political, social and cultural history of the region, including the partition of Africa by European powers and decolonization. *Note: May be used for political science credit.*
- HIS 5553 Late Antiquity (3)**  
Study of developments in the Mediterranean and Europe during the 3<sup>rd</sup> through 8<sup>th</sup> centuries, including the fall of the Roman empire and rise of barbarian kingdoms. The course examines the interrelatedness of economics, politics, warfare, and religion in shaping late ancient societies.
- HIS 5556 History of the Middle East (3)**  
Examines the region during the rise of Islam, the Ottoman Empire, and in the modern era. The course also addresses political, social, cultural, and economic developments since World War II. *Note: May be used for political science credit.*
- HIS 5564 The Crusades (3)**  
Study of the origins and execution of the series of religious wars called the crusades. In addition to analyzing the various campaigns, the course also examines the phenomenon in the context of social and cultural conditions in medieval Europe, Byzantium, and Islam.
- HIS 5567 Medieval Europe (3)**  
Study of Western Europe and the Byzantine and Islamic worlds from the 7<sup>th</sup> century to the eve of the Renaissance. The course addresses the role of economics, politics, warfare, religion and intellectual activity in shaping medieval societies.
- HIS 5570 Women, Health and History (3)**  
Explores the historical relationships between sex, gender, and medicine in the western world and improves students' cultural and historical literacy, understanding of major health issues in the health professions, the role of gender and sex in medicine and culture, and the diversity of medical and social practices.
- HIS 5574 Modern Eastern Europe (3)**  
This course examines political, economic, and social developments of 19<sup>th</sup> and 20<sup>th</sup> century Eastern Europe from the Revolutions of 1848 through the collapse of the Soviet block and beyond. The course analyzes the impact of the disintegration of Russian, Ottoman, and Habsburg empires on inter-war Eastern Europe; examines the establishment, development, and eventual collapse of communism in the region; and explores the dynamics of post-Cold War European integration.
- HIS 5579 Infectious Diseases and History (3)**  
The course provides a study of the causes and effects of infectious diseases on major events in human history from the Neolithic revolution to the present. A selected case study will be presented.
- HIS 5582 Colonial Latin America (3)**  
Study of the history of Latin America from pre-Columbian times to the beginning of the independence movements of the early 19<sup>th</sup> century. Topics will include the indigenous populations, European colonialism and its effects, and the causes and early development of revolution.
- HIS 5583 Modern Latin America (3)**  
Study of Latin America from the early 19<sup>th</sup> century to the present. Topics will include the cultural, social, political, and economic developments as well as international and U.S. relations in the area.
- HIS 5584 History of Mexico (3)**  
A history of Mexico from pre-Columbian times to the present. The course follows social, cultural, political, and economic themes in Mexican history, as well as Mexico's relationship with the United States.

- HIS 5585 The ABC Powers (3)**  
This course examines the social, cultural, diplomatic, political, and economic history of three of the largest and wealthiest Latin American nations — Argentina, Brazil, and Chile.
- HIS 5586 The Caribbean (3)**  
A history of the Caribbean region from pre-Columbian times to the present. Topics will include the indigenous population, European colonialism and its legacy, the impact of slavery and racial diversity in the region, cultural and political revolutions, and the area's relationship with the United States.
- HIS 5590 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, including online teaching.
- HIS 5595 Selected Topics in History (3)**  
Historical examination of a designed topic of special and/or current interest and importance, which is generally not covered in regularly offered courses by the department. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- HIS 6600 Seminar in 19<sup>th</sup> Century American History (3)**  
An exploration of the major historical works and historiographical controversies in 19th century American history. Emphasis on discussion and student producing a major research paper.
- HIS 6602 Seminar in 20<sup>th</sup> Century American History (3)**  
An exploration of the major historical works and historiographical controversies in 20th century American history. Emphasis on discussion and student producing a major research paper.
- HIS 6603 Seminar in 18<sup>th</sup> Century American History (3)**  
An exploration of the major historical works and historiographical controversies in 18th century American history. Emphasis on discussion and student producing a major research paper.
- HIS 6604 Seminar in Modern France (3)**  
The evolution of France from the formation of the Third Republic to the present. Emphasis on discussion and student producing a major research paper.
- HIS 6610 Seminar in Comparative Revolutions (3)**  
An examination of the background, outbreak, development, and conclusion of the American, French, Russian, and other revolutions. Emphasis on discussion and student producing a major research paper.
- HIS 6611 Seminar in 19<sup>th</sup> Century Europe (3)**  
An exploration of the major historical works and historiographical controversies in 19th century European history. Emphasis on discussion and student producing a major research paper.
- HIS 6612 Seminar in 20<sup>th</sup> Century Europe (3)**  
An exploration of the major historical works and historiographical controversies in 20th century European history. Emphasis on discussion and student producing a major research paper.
- HIS 6613 Seminar in British History (3)**  
An exploration of the major historical works and historiographical controversies in British history. Emphasis on discussion and student producing a major research paper.
- HIS 6614 Seminar in Contemporary Japan (3)**  
Study and analysis of Japan from the Meiji reforms to the present; Japan's impact on Asia and the rest of the globe; two world wars, the occupation and U.S. administration; internal changes and resurgence as a world power; the impact of Japan's domestic and foreign policies on other countries; Japan in international activities and as a regional model. Emphasis on discussion and student producing a major research paper.
- HIS 6615 Seminar in Latin American History (3)**  
Concentrated study in specialized areas with emphasis on 20<sup>th</sup> century history. Emphasis on discussion and student producing a major research paper. *Prerequisite: HIS 5583 or permission of instructor.*
- HIS 6630 Foundations of Graduate Study in History (3)**  
Introduces the student to the basics of graduate work. Topics covered include the methods of historical research, writing, and citation as well as general themes and topics in historiography. *If taken online, this course is ONLY available in 16 week format. On campus classes are available in the semester format.*
- HIS 6632 American Historiography (3)**  
An overview of the major historical works and historiographical controversies in American history. Emphasis on discussion and students producing a major research paper. *If taken online, this course is ONLY available in 16 week format. On campus classes are available in the semester format.*
- HIS 6634 European Historiography (3)**  
An overview of the major historical works and historiographical controversies in European history. Emphasis on discussion and students producing a major research paper. *If taken online, this course is ONLY available in 16 week format. On campus classes are available in the semester format.*
- HIS 6640 Seminar in 17<sup>th</sup> Century American History (3)**  
An exploration of the major historical works and historiographical controversies in 17th century

American history. Emphasis placed on discussion and students producing a major research paper.

**HIS 6641 Seminar in Slavery (3)**

An exploration of the major historical works and historiographical controversies in the history of slavery. Emphasis placed on discussion and students producing a major research paper.

**HIS 6642 Seminar in Ethnicity/Race in America (3)**

An exploration of the major historical works and historiographical controversies in the history of race and ethnicity. Emphasis placed on discussion and students producing a major research paper.

**HIS 6643 Seminar in War and American Society (3)**

An exploration of the major historical works and historiographical controversies in the history of war and its impact on American society. Emphasis placed on discussion and students producing a major research paper.

**HIS 6650 Seminar in the History of Science (3)**

An exploration of the major historical works and historiographical controversies in the history of science. Emphasis placed on discussion and students producing a major research paper.

**HIS 6651 Thematic Historiography (3)**

6652 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)**

An exploration of the major historical works and historiographical controversies in gender history. Emphasis placed on discussion and students producing a major research paper.

**HIS 6660 Seminar in Holocaust and Genocide (3)**

An exploration of the major historical works and historiographical controversies in holocaust and genocide studies. Emphasis placed on discussion and students producing a major research paper.

**HIS 6665 Seminar in Medieval History (3)**

An exploration of the major historical works and historiographical controversies in medieval history. Emphasis placed on discussion and students producing a major research paper.

**HIS 6666 Seminar in Renaissance and Reformation Europe (3)**

An exploration of the major historical works and historiographical controversies in European Renaissance and Reformation history. Emphasis placed on discussion and students producing a major research paper.

**HIS 6667 Seminar in Age of Absolutism and Enlightenment (3)**

An exploration of the major historical works and historiographical controversies in the history of Eu-

ropean absolutism in the history of European absolutism and enlightenment. Emphasis placed on discussion and students producing a major research paper.

**HIS 6695 Thesis Hours (3)**

Directed research in selected areas of history, based on a student's proposal, related to the student's needs, and with the advice and approval of a faculty thesis advisor, and culminating in a research paper of appropriate depth and original scholarship. Grading will be on a Pass/Fail basis. *Prerequisite: Successful completion of 30 semester hours of graduate level history courses and admission to candidacy.* If taken online, this course is ONLY available in a 16 week format. On campus classes are available in the semester format.

**HIS 6696 Selected Topics in History (3)**

6697 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.

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**HUMAN RESOURCE MANAGEMENT**

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**HRM 6601 Legal Environment of Employment Decisions (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 on personnel matters and to be knowledgeable of the law as it might impact individuals in organizations. *All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**HRM 6603 Human Resource Management (3)**

The study of the management of people at work with emphasis on recruiting, selecting, training and evaluating personnel. The study of the use of technology to streamline HR activities. *Prerequisite: Graduate standing, admission into the MBA, MAM, or MSHRM programs and all undergraduate prerequisite courses or equivalents completed.*

**HRM 6604 Labor Law (3)**

A broad overview 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 and collective bargaining in union/management relations. *All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**HRM 6619 Seminar in Human Resource Administration (3)**

Analysis and discussion of current problems and issues in HRM. *All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**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. *All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**HRM 6623 Training and Development of Human Resources (3)**

A study of concepts and practices critical to identifying human resources training and developmental needs critical to ensuring organizational effectiveness. *This course fulfills the research component requirement of the MSHRM program. A grade of "B" or better is required. All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**HRM 6625 Specialized Study in the Area of Human Resource****6626 Management (1-6)**

**6627** Study of a problem or problems using research techniques. The study topic requires approval of the student's adviser, the instructor under whom study is to be made, the college dean and the graduate dean. The course requires preparation of a scholarly paper or project and may involve an oral defense. *Total credit for any combination of enrollments in these courses is not to exceed six semester hours. A specialized study, with prior approval, may be substituted for only one required course in a student's program. See semester hour limits listed under Course Restrictions in General Regulations section. Prerequisite: All business foundation courses or equivalent.*

**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 will address the application of both tangible and intangible forms of compensation to attract, motivate and retain employees. *All business foundation courses or equivalent are required for MBA, MSM, and MSHRM programs.*

**HRM 6635 Employee Relations and Safety (3)**

This course is designed to introduce the student to major law requirements, sound employee/labor relations practices, knowledge of safety legislation and design of effective safety programs. *Prerequisite: All business foundation courses or equivalent.*

**HRM 6645 International Human Resource Management (3)**

A survey of theory and practice of human resource management in global firms and issues of cross cultural communication and behavior affecting organizational effectiveness in culturally diverse organizations. *Prerequisite: All business foundation courses or equivalent.*

**HRM 6689 Human Resource Management Internship (3)**

Must be unconditionally admitted to the Master of Science in Human Resources Management program, must have less than one year's work experience in the Human Resources Management field, must not be currently employed in any capacity by a firm or organization sponsoring the internship, must have completed at least four required courses by the start of the semester in which the internship begins (i.e., courses should include HRM 6603 and at least one of the following courses: HRM 6622, HRM 6623, or HRM 6632, as approved by the student's academic adviser). At least one semester prior to registration for the internship, students must submit a written request to the faculty adviser who will supervise the internship. The request should include the student's reasons for wanting to participate in the internship program as well as the goals the student hopes to achieve. The internship request must be approved prior to registration for credit.

**HRM 6698 Strategic Human Resource Management (3)**

This course focuses on an integration of theories and concepts related to the formulation and implementation of human resource strategies to support business strategies. Students analyze case studies, identify problems and their causes, and propose solutions both orally and in writing. The course is also designed to broaden the student's exposure to the classical and contemporary literature of human resource management. *A grade of B or better is required. Prerequisites: Successful completion of all required HRM core courses. Entrance into HRM 6698 may be permitted with Department head approval as long as only one core course has not been completed and it is being taken concurrently with HRM 6698.*

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**HEALTH SERVICES ADMINISTRATION**


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**HSA 6625 Specialized Study in the Area of Healthcare****6626 Management (1-3)**

**6627** 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: All business foundation courses or equivalent.*

**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. *Co or Prerequisite: BUS 5501*

- 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. *Prerequisite: BUS 5501*
- 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. *Prerequisite: All business foundation courses or equivalent.*
- HSA 6683 Healthcare Economics (3)**  
This course stresses economic analysis applied to the health services sector. *Prerequisite: BUS 5501*
- 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. *Prerequisite: All business foundation courses or equivalent.*
- ILA 6607 Readings in Leadership (3)**  
This course explores current literature and thinking in the field of organizational and administrative theory and practice pertaining to instructional leadership. *Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*
- ILA 6609 Communication and Problem Solving (3)**  
This course is designed to improve the instructional leadership candidates' skills in communication and problem solving. Emphasis will be placed on listening skills, group dynamics, conflict resolution and consensus building. Special attention will be given to these topics while working with ethnically diverse populations. *Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*
- ILA 6610 Grant Writing (3)**  
This course explores how to write a grant and discusses alternative ways of fundraising. Particular attention will be given to grant writing protocols and procedures, as well as dynamics involved in responding to a Request for a Proposal, and understanding the school system's bureaucratic structures. *Prerequisite: Admission into an NCATE approved instructional leadership program.*

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#### INTERDISCIPLINARY EDUCATION

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- 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.*
- ILA 6611 Community Relationships**  
The instructional leader realizes that there is great power in the community that can assist in increasing student achievement. This course will provide strategies that will enable the instructional leader to involve the community in meaningful ways and will result in significant student achievement. *Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*
- 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 law, civil law and to federal and state mandates related to student accountability. *Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

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#### INSTRUCTIONAL LEADERSHIP AND ADMINISTRATION

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- ILA 6603 Tools for Managing Educational Resources (3)**  
This course teaches instructional leadership candidates the skills and knowledge needed to conduct school business. Candidates will learn to manage a school's educational resources. This course will focus on the following areas: organizational skills, financial planning, facilities management, technology usage, and principles and best practices needed to
- ILA 6625 Specialized Topics in Instructional Leadership (3)**  
A seminar concerned with an in-depth examination of one topic that is acutely important to instructional leadership. Candidates 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 responses will also be used. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6633 Instructional Leadership (3)**

This course examines the essence of instructional leadership. It considers the importance of being able to develop and articulate a vision. The focus of the course centers on those leadership abilities and traits that promote student achievement for all students. *Prerequisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6640 Building and Maintaining Collaborative Learning Environments (3)**

With the changes mandated by the 2007 reauthorization of the Individuals with Disabilities Act (IDEA), it is vital for instructional leaders to be aware of their responsibilities in the development and maintenance of collaborative learning environments. This course will present the most up-to-date research related to collaborative learning environments as well as how to establish and promote them. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6643 Human Resource Administration (3)**

This course is designed to deal with the selection, staffing, and development of all school personnel. Salary schedules, personnel policies, and fringe benefits will be studied. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**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. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6662 Orientation in Instructional Leadership & Administration (2)**

This course is designed to orient the instructional leadership candidate to the expectations and requirements of the instructional leadership administration program. Course content includes assessments of learning approaches as well as leadership aptitudes

and skills. The residency and mentoring components of the programs, as well as other program requirements are covered. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6663 Practicum I (2)**

The purpose of this course is to provide instructional leadership candidates with school-based experiences at the elementary, middle, secondary grade levels as well as the central office level supervised by full-time university faculty members and approved local mentors. The intern will gain school-based experiences in planning, for continuous improvement, teaching and learning, human resource development, diversity, community and stakeholder relationships, and technology. *Pre-requisites: ILA 6662. Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6664 Practicum II (2)**

The purpose of this course is to provide instructional leadership candidates with school-based experiences at the elementary, middle, secondary grade levels as well as the central office level supervised by full-time university faculty members and approved local mentors. The intern will gain school-based experiences in leading, teaching, and learning. *Pre-requisites: ILA 6663. Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6684 Curriculum and Instructional Strategies (3)**

Which instructional practices support the highest gains in student achievement? If one reads the publicity enclosed 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 and methodologies. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 6691 Research Methods (3)**

This course is a study and evaluation of a variety of research methods; including but not limited to quantitative, qualitative, and action research, and reporting formats used in education and the social sciences. *Pre-requisite: Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program. A grade of "B" or better is required.*

**ILA 6692 Using Data to Make Decisions (3)**

This course focuses on basic statistical processes and measures used in education. It provides an opportunity for the student to analyze a variety of

standardized prognostic, diagnostic, and achievement tests. Candidates will also learn to collect data from teacher and student observations to obtain knowledge concerning teacher evaluation. *Prerequisites: ILA 6691. Restricted to candidates who are admitted to a State of Alabama approved Instructional Leadership & Administration program.*

**ILA 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 on advancement 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.

**ILA 7702 Involving Parents and Community Stakeholders (3)**

The focus of this course is on the successful school and what it must do to garner parental involvement and community support that it needs. This course is a combination of theory of community relations (why must communities support local schools to achieve their goals?) and a primer on how to develop the family and community partnership which will help the school to achieve its goals.

**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 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.

**ILA 7740 Creating Effective Learning Environments (3)**

Instructional leaders must work within the framework of the Individual 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, maintain and evaluate instruction in order to build an effective learning environment.

**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 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.*

**ILA 7793 Program Evaluation (3)**

This course focuses on a variety of concepts and strategies associated with effective planning in Educational and Human Services organizations.

**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.

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**INTERNATIONAL RELATIONS**

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**IR 5502 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 5524 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 5533 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 5551 Survey of 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 5552 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 5570 Politics of Southeast Asia (3)**  
A study of politics in the Philippines, Indonesia, Vietnam, Laos, Cambodia, Malaysia, Singapore, Brunei, Myanmar, and Thailand, investigating the historical and cultural factors affecting relationships within and outside the region.
- 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: MSIR candidates must achieve a grade of "B" or better in IR 6601 to complete degree program requirements.*
- 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 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 6612 Comparative Public Policy (3)**  
This course examines the process of policy making in a cross-comparative framework that illustrates how different nation states, both in the developed and the developing worlds, formulate and implement public policy.
- 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 6625 Specialized Study in International Relations(3)**  
**6626**  
**6627**  
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. Prerequisite: IR 6601. See semester hour limits listed under Course Restrictions in General Regulations section.*
- IR 6629 Seminar in International Relations (3)**  
**6630**  
An analysis of specified topics at the international level. (For example: "Armaments, Disarmament, and Proliferation," "Nationalism and World Order," "Peacekeeping," or "Organized Use of Force") *All selected topics courses must be approved by the department chair. The course can be used to substitute for a required course only once in a student's degree program and must be approved by the department chair.*
- IR 6631 Intercultural Relations (3)**  
An analysis of the influence of culture on interstate relations including theories, concepts, and applications.
- IR 6633 Developed and Developing Nations (3)**  
An analysis of the systemic linkages between advanced, emerging and weak states with a focus on the political, economic, and cultural issues relevant to the regional and global relations of the states involved.
- IR 6634 Tradition, Revolution, and Change (3)**  
An interdisciplinary, cross cultural approach to the study of comparative cultural change and its impact on the international system; it examines the origins, processes, and outcomes of sociopolitical change within various nations and states.
- IR 6635 National Security Policy (3)**  
An examination of the structures, motivations, and major objectives of national security policymaking from a comparative perspective with particular emphasis on the politics of national defense in the United States.
- IR 6640 Government and Politics of Developing Countries (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 Latin America in World Affairs (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 Russia and Eastern Europe in World Affairs (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 6644 Middle East in World Affairs (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 Asia in World Affairs (3)**  
An examination of Asia politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.
- IR 6646 South Asia in World Affairs (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 Western Europe in World Affairs (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 Sub-Saharan Africa in World Affairs (3)**  
An examination of Sub-Saharan politics, legal systems, economics, culture, military power, geography, and their impact on regional relations and linkages to the world system.
- 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 6652 Theory and Ideology in International Relations (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 6653 Political Psychology (3)**  
An examination of the impact of individual and collective human behavior on the political process including an introduction to the methods of inquiry into a society's belief system, social cognition, socialization, and political behavior. Special attention is placed on the behavioral sources of political violence, the relationship between culture and political behavior, and collective alienation.
- IR 6654 Media, Technology, and International Politics (3)**  
An examination of the role of media in international politics with particular emphasis on the impact of technological change. The course explores issues related to cultural change through media communication, elite empowerment and ownership of media assets, the changing nature of foreign and domestic influences in politics and the role of media technology in affecting approaches to public policy issues.
- 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 International Power and Influence (3)**  
A theoretical and empirical examination of how nations use political, military, and economic resources to influence the behavior of other nations including the effectiveness of political communications, public relations, foreign aid, economic sanctions, threats of force, and limited uses of force.
- 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 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 6668 Thesis (3)**  
**6669** A directed research in selected areas of international relations, based on a student's proposal, related to the student's needs, and with the advice and approval of a faculty thesis adviser, and culminating in a research paper of appropriate depth and scholarship. The final, bound product must be approved by a faculty committee composed of the thesis adviser and a faculty reader. The first course will cover the paper design and supporting research; the second course will be undertaken to support the actual writing of the thesis. *Prerequisites: IR 6601 and the satisfactory completion of 30 semester hours in the MSIR program. Grading system is Pass/Fail.*
- IR 6670 United Kingdom in World Affairs (3)**  
An examination of the United Kingdom and its relations with the global community; the course will involve the student in the political, cultural, and social aspects of the state and its relations with other states.
- IR 6672 Germany in World Affairs (3)**  
An examination of Germany and its relations with the global community; the course will involve the student in the political, cultural, and social aspects of the state and its relations with other states.
- IR 6675 Central America in World Affairs (3)**  
An examination of the Central American region and

its relations with the global community; the course will involve the student in the political, cultural, and social aspects of regional states and their relations with other states.

**IR 6676 Japan in World Affairs (3)**

An examination of Japan and its relations with the global community; the course will involve the student in the political, cultural, and social aspects of the state and its relations with other states.

**IR 6677 China in World Affairs (3)**

An examination of China and its relations with the global community. The course will involve the student in the political, cultural, and social aspects of the state and its relations with other states.

**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 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 Drug Politics in the Americas (3)**

An investigation of the issues surrounding the trafficking of illicit narcotics in the Western Hemisphere, with special attention to the Andean region and those states which act as conduits to the vast market in the United States; the course examines both the political and security problems arising from the drug trade, as well as the basic debate concerning the formulation and implementation of U.S. drug policy.

**IR 6687 Free Trade and Economic Integration in the Western Hemisphere (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 Islamic Fundamentalism (3)**

An advanced seminar dealing with the theology and practice of Islam and its impact on international, legal, political, security, and social issues.

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**INFORMATION SYSTEMS**

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**IS 6625 Specialized Study in the Area of Information Systems (1-3)**

**6626**  
**6627**  
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: All business foundation courses or equivalent.*

**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: 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: All business foundation courses or equivalent. A grade of "B" or better is required.*

**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. *Prerequisites: 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: 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. Research course: *A grade of "B" or better required.*

- 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. *Prerequisites: 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: All business foundation courses or equivalent.*

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### JOURNALISM

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- JRN 6615 Public Relations and Strategic Communication**  
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 6640 Communication Law and Ethics (3)**  
This course provides students with an indepth 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.

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### KINESIOLOGY AND HEALTH PROMOTIONS

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- KHP 6601 Philosophy and Principles of Health and Physical Education (3)**  
This course will introduce the sociological- psychological, educational-motor learning, mechanical-kinesiological, and physiological aspects of health and physical education.
- 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 nonparametric 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. *Prerequisite: KHP 6650*
- KHP 6621 Supervision of Instruction in Health and Physical Education (3)**  
Consideration is given to the broader viewpoint of supervision as it relates to the improvement of health and physical education through in-service training of personnel, association with the teaching and administrative-supervisory staff, and general school and community relationships. Techniques of supervision and their application in improving the teacher-pupil learning situations will be examined.

**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. *Prerequisite: KHP 6650*

**KHP 6625 Specialized Study in KHP (1-3)**

**6626**  
**6627**  
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 6630 Programs in Health and Physical Education (3)**

The course is designed for prospective classroom teachers and health and physical educators who assume the responsibility of providing meaningful learning experiences for children in the area of health and physical education.

**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 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 ad-

vanced interpretation of the metabolism and macronutrients during conditions of exercise and disordered metabolism. *Prerequisite: KHP 6670*

**KHP 6662 Diagnostic and Prescriptive Physical Education for Exceptional Children (3)**

The course is designed to present assessment procedures, exercise prescription techniques, physical education program development, and IEP programming for the child with special needs.

**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. *Prerequisite: KHP 6650*

**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 is 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 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: KHP 6604 and KHP 6617 with a "B" or better.*

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**LAW**


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**LAW 6600 Business Law for Accountants (3)**  
 This course focuses on the legal implications of business transactions, particularly as they relate to accounting and auditing. It includes, but is not limited to, such topics as contracts, commercial paper, secured transactions, business organizations, and real and personal property. This course is designed to give a review of basic legal principles and to enable a student to recognize and understand their legal significance in business transactions. *Prerequisite: LAW 2221 or equivalent and all business foundation courses or equivalent.*

**LAW 6610 Legal Issues for Accountants (3)**  
 This course focuses on the legal implications of business transactions, particularly as they relate to accounting and auditing. It includes, but is not limited to, such topics as ethics, professional and legal responsibilities, agency, contracts, Uniform Commercial Code, debtor-creditor relationships, government regulation of business, and business structure. This course is designed to give a review of basic legal principles and to enable a student to recognize and understand their legal significance in business transactions. *Prerequisite: All business and accounting prerequisites.*

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**MARINE BIOLOGY (MB)**


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**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 principals 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 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: Permission of the instructor.*

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**MASTER OF BUSINESS ADMINISTRATION**


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**MBA 6611 Business Strategy (3)**  
 This course is the capstone course in the MBA program. It integrates the skills and knowledge developed in earlier courses and emphasizes case analysis. Formulation and implementation of strategies are stressed. The course includes an end-of-course comprehensive examination. A grade of "B" or better is required to complete this course successfully. The course may not be transferred into the MBA program. Students are required to complete the graduate Educational Testing Service Major Field Test and a Capstone Examination in this course. *Prerequisites: Completion of a minimum of 24 semester hours in the MBA program, with a "B" average or better, including the following courses: ACT 6691, ECO 6655, FIN 6631, MKT 6661 and QM 6640; or approval of the department chair. Students should be in the last term of their program when completing this course.*

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**MASTER OF BUSINESS ADMINISTRATION—  
INTERNATIONAL**


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**MBAI 6633 Cases in International Finance (3)**  
 A representative sampling of case studies in international finance. This is a research course. A grade of "B" or better is required. *Pre-requisites: Graduate standing, acceptance into the MBAi program, completion of all undergraduate business pre-requisite courses or equivalent, completion of MBAI 6631 Global Financial Management.*

**MBAI 6651 Accounting Systems and Control (3)**

An advanced study of accounting information systems concepts, applications, and control issues. 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. *Pre-requisites: Graduate standing, acceptance into the MBAi program, completion of all undergraduate business pre-requisite courses or equivalent, completion of MBAI 6691 Financial and Managerial Accounting for the International Executive.*

**MBAI 6663 Emerging Markets in a Global Economy (2)**

This course helps students understand broad economic trends and analyzes the rapidly growing economies of the world. The course will emphasize the role of market institutions in fostering trade, development, and job creation. *Pre-requisites: Graduate standing, acceptance into the MBAi program and all undergraduate business pre-requisite courses or equivalent completed.*

**MBAI 6665 Investing in Multinational Markets (3)**

An investments course which identifies and analyzes various forms of investments: debt and equity securities, derivatives, commodities and government securities in a multinational setting. The course also includes discussion of multinational securities markets and stock exchanges. Particular emphasis is placed on the selection of securities based on multinational risk and expected rate of return considerations. *Pre-requisites: Graduate standing, acceptance into the MBAi program, completion of all undergraduate business pre-requisite courses or equivalent, completion of MBAI 6631 Global Financial Management.*

**MBAI 6674 Information Systems in the Global Economy (3)**

This course provides the conceptual and practical foundations of information systems to include support of management and decision-making functions; computer system project management; economic, ethical, and legal considerations of management information systems; and system implementation/evaluation. This course includes the categories of information systems and their appropriate usage, the activities and issues involved in the development and implementation of information systems, hardware and software components of information system, communication and network hardware and software components, and security issues in information system within an International context. *Pre-requisites: Graduate standing, acceptance into the MBAi program and all undergraduate business pre-requisite courses or equivalent completed.*

**MBAI 6692 Advanced Management Accounting (3)**

An advanced study of accounting as it relates to business decisions, with emphasis on advanced topics, cases, and readings in cost management and strategic decision making. *Pre-requisites: Graduate standing, acceptance into the MBAi program, completion of all undergraduate business pre-requisite courses or equivalent, completion of MBAI 6691 Financial and Managerial Accounting for the International Executive.*

**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 the Wall Street meltdown, 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)**

**6626**  
**6627** 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. Prerequisites: All business foundation courses or equivalent.*

**MGT 6645 Quantitative Methods in Management (3)**

An introduction to statistics as applied to business problems. The course is designed to develop students' ability to apply inferential statistical methods to decision making in business. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6670 Seminar in International Management (3)**

A survey of theories and issues related to managing the internationalization of business firms and multinational management. For the MBA program, this is a research course. *Prerequisites: All business foundation courses or equivalent. A grade of "B" or better is required.*

**MGT 6671 Organizational Behavior (3)**

The study of theories and concepts of individual and group behavior within organizations. The course examines important behavioral processes, including learning, perception, attitudinal structuring, values, motivation, communication, conflict, and social reinforcement. Emphasis is placed on the relationship of these processes to individual and group performance and their implications for managerial decision-making. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6673 Operations Management (3)**

An analysis of the conditions under which production and management of goods and services take place in business organizations with attention to the

delineation of roles played by management and labor in carrying out both production and service delivery, and application of selected quantitative techniques to support those processes. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6674 Ethics in Business (3)**

Examination of ethical problems and conflicts encountered by managers attempting to fit their organizations to the larger social environment. Addresses ethics, codes of ethics, social responsibility of organizations in domestic and global environments. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6675 Theory of Organizations (3)**

The study of general business management from a structural standpoint: planning, organizing, staffing, directing, and controlling. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6677 Systems Management (3)**

The study, design, implementation and operation of a system within the organization. *Prerequisites: All business foundation courses or equivalent.*

**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. *Prerequisite: MGT 6671*

**MGT 6682 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. *Prerequisites: All business foundation courses or equivalent.*

**MGT 6685 Management Strategy (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. It emphasizes advanced case analysis and computer simulation. *The course may not be transferred into the MSM program. Students are required to complete the graduate Educational Testing Service Major Field Test and a Capstone Examination in this course. A grade of "B" or better is required. Prerequisites: Must have completed 18 semester hours to include BUS 6610 (with a grade of "B" or higher), and MGT 6600, MGT6627, MGT 6671, and FIN 6631 (all with a grade of "C" or higher) and one other 3 SH course in either the concentration or an elective with a grade of "C" or higher.*

**MGT 6689 Management Internship (3)**

Independent study of a practical problem or project, pertinent to a management concentration, taken in a field setting. A formal written paper or report on the problem or project will be submitted according to the guidelines set forth by the instructor. A verbal presentation and/or oral examination covering problem or project research and findings/results is required. *No more than one internship may be used as the MSM "select one" elective. The course may not be substituted for a required course. Prerequisites: All business foundation courses or equivalent.*

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**MARKETING**

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**MKT 6661 Global Strategic Marketing (3)**

Application of marketing concepts, principles and procedures for planning, development, implementation and control of marketing programs in profit and non-profit organizations. Emphasis is on the matching of organization resource and strength with global marketing opportunities, and strategies to overcome environmental threats. *Prerequisites: Graduate standing, acceptance into the MBA program, all undergraduate business prerequisite courses or equivalent completed.*

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**MASTER OF SCIENCE IN MANAGEMENT**

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**MSM 6605 Business Theories and Concepts (3)**

The study of foundational business and economic theories, concepts, principles, and practices in private, public, and not-for-profit organizations. Students examine business and economic theories and concepts essential for effective leadership application and practice. *This course is required for MSM students and must be completed with a grade of "B" or better in the first term of the program. Prerequisite: Admission into the MSM degree program.*

**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: Admission into the MSM degree program. A grade of "B" or better is required.*

**MSM 6615 Leadership and HRM Practice (3)**

This course addresses best practices, driving principles, and tactical concerns of human-resource management from the perspective of the hiring manager. The course reviews the functional areas of employment law, employee relations, staffing, compensation, performance management, training, strategy, and technology, to enable leaders to partner effectively with the HR staff in managing employees, crafting strategy, and demonstrating HR policy effectiveness. *Prerequisite: Admission into the MSM degree program.*

- MSM 6620 Ethical Leadership and Decision Making (3)**  
Examination of ethical problems and conflicts encountered by leaders attempting to fit their organizational responsibilities to the larger social environment. Addresses ethics, codes of ethics, and social responsibility of organizations in domestic and global environments. *Prerequisite: Admission into the MSM degree 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: Admission into the MSM degree program.*
- MSM 6635 Leadership of Innovation and Change (3)**  
The 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. *Prerequisite: 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: Admission into the MSM degree program.*
- MSM 6645 Total Quality Management in Organizations (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. *MSM core requirement; potential MBA unspecified elective; potential MSHRM elective. Prerequisite: MSM 6610.*
- MSM 6650 Leadership Roles in 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. It emphasizes advanced case analysis and computer simulation. *Prerequisite: Admission into the MSM degree program and successful completion of at least 18 semester hours with a grade of "C" or better in core and concentration courses, not to include guided research or independent study courses. A grade of "B" or better is required.*

- MSM 6655 Advanced Leadership (3)**  
The leadership concentration capstone 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: Admission into the MSM degree program, MSM 6610, MSM 6640. A grade of "B" or better is required.*

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## MATHEMATICS

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**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 5512 Discrete Mathematics (3)**  
Topics include counting techniques such as Pigeon-hole Principle, permutations, combinations, binomial coefficients, inclusion-exclusion, and relations and graphs.
- MTH 5520 Graph Theory (3)**  
The elements of graph theory including: trees; bipartite, chordal and planar graphs; graph coloring; graph traversals; and flows *Prerequisites: Permission of 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.
- MTH 5524 Real Analysis I (3)**  
A study of the real number system, completeness, limits, continuity, sequences, differentiation, and the Riemann integral.
- 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. *Prerequisite: 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.
- MTH 5536 Number Theory (3)**  
This course covers divisibility, congruences, prime numbers, Fermat's theorem, Diophantine equations, number theoretic functions, quadratic reciprocity.
- 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. *Prerequisite: MTH 3331.*

**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. *Prerequisite: MTH 4441 or MTH 5541.*

**MTH 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.

**MTH 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. *Prerequisite: MTH 4451 or MTH 5551.*

**MTH 5560 Topology (3)**

An introduction to metric and topological spaces and associated topics, separation axioms, compactness, and connectedness.

**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. *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: 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.

**MTH 6612 Advanced Discrete Mathematics (3)**

This course covers trees, network models and Petri nets, Boolean algebra and combinatorial circuits, automata, grammars, and languages. *Prerequisite: MTH 4412, MTH 5512 or permission of instructor.*

**MTH 6615 Advanced Topology (3)**

Generalization of such topics as functions, continuous functions, open, closed, compact and connected sets, arbitrary topological spaces. *Prerequisites: 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.

**MTH 6620 Advanced Concepts of Algebra (3)**

This course covers topics including rings and fields, polynomial rings and factorization, and Galois theory. *Prerequisite: 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.

**MTH 6624 Applied Combinatorics (3)**

A study of generating functions, Inclusion-Exclusion, Burnside's Theorem and Polya's Enumeration Formula.

**MTH 6625 Specialized Study in Area of Mathematics (3)**

**6626**  
**6627** 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. *Note: 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.*

**MTH 6632 Non-Euclidean Geometry (3)**

A study of non-Euclidean geometries with emphasis given to their logical development.

**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: MTH 3331 or permission of instructor*

**MTH 6640 Advanced Concepts of Analysis (3)**

A study from the classical theory of point sets in Euclidean space and the theory of functions of one or more real variables to topology, continuous functions, and Lebesgue integral and the Henstock integral. *Prerequisites: MTH 4425 or MTH 5525*

**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 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.*

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**MUSIC**


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*NOTE: Graduate students may not enroll in a 5500-numbered course if it duplicates the same course listed on an undergraduate transcript.*

**MUS 5500 Selected Topics (1-3 )**

**5501** A detailed investigation of a specialized topic of interest and importance. The area of investigation should be a topic not covered in regularly offered courses in the School of Music or an advanced section for intensive study. See semester hour limits listed under Course Restrictions in General Regulations section.

**MUS Private Instruction in Performance (1)**

Individual studies in performance are a vital part of any music curriculum. The graduate student in music education or conducting should, upon consultation with his/her adviser, elect to study in the areas most consistent with his/her personal needs and career goals. For the secondary school teacher, this may involve deeper exploration of instruments he/she does not play well. For the prospective junior college or college teacher, it will involve further study of his/her principal performing area. Graduate study in performance is through private instruction only.

**5510 Violin****5511 Viola****5512 Cello****5513 String Bass****5514 Piano****5515 Organ****5516 Voice****5517 Clarinet****5518 Oboe****5519 Flute****5520 Bassoon****5521 Saxophone****5522 Trumpet****5523 Horn****5524 Trombone****5525 Euphonium****5526 Tuba****5527 Percussion****5528 Guitar****MUS 5543 History of the Band in the United States (3)**

The history of the band in this country from the early military bands through town, industrial, church, professional, circus, fraternal, school, and college bands.

**MUS 5553 Techniques and Literature of Brass Instruments (3)**

A study of the techniques of all the brass instruments, the use of extant methods and literature for developing these techniques, and their applicability in individual and group public school teaching situations.

**MUS 5554 Literature and Techniques of Sacred Music (3)**

A comprehensive survey of materials and methods for use in sacred choral music programs.

**MUS 5562 Arranging for Band and Chorus (3)**

This course covers arranging for football shows, concert work, special vocal and instrumental groups. Study of ranges, voicing, and balance. Short-cuts and techniques in reproducing parts.

**MUS 5571 Music for ECE and Elementary School (3)**

A study of the materials and planning techniques for music in grades P-6. Singing, listening, movement, instrument playing, and creative activities will be explored. Multicultural elements, observation, teaching experiences, and practical application of ideas will be included.

**MUS 5582 Choral Techniques (3)**

This course focuses on organizational and rehearsal procedures, choral tone, diction, and choral literature.

**MUS 5584 Band Techniques (3)**

A study of rehearsal techniques, band pageantry, jazz band, instrument repair and music literature for band.

**MUS 6600 Instrumental Seminar (1)**

This course covers rehearsal, evaluation and performance of band literature. Two semesters required of all instrumental music majors.

**MUS 6601 Choral Performance Seminar (1)**

A study of the rehearsal, evaluation and performance of choral literature. Two semesters required of all choral music majors.

**MUS 6605 Advanced Music Technologies (3)**

An advanced study of the applications of microcomputers for the music educator in the modern school music program.

**MUS 6606 The Repertoire of the Band (3)**

An intensive study of music for the band, including an historical overview and intensive score study of representative works.

**MUS 6607 Literature and Techniques for the Beginning Band (3)**

A selective survey of materials for beginning instrumental music programs. Techniques will be presented for recruiting and retaining students. Performance, listening, and analysis will be included.

**MUS 6608 Literature and Techniques for Volunteer School and Community Choruses (3)**

A study of music and methods for working with school, church, and community choral groups. Emphasis on materials suitable for performers with little previous training or experience.

**MUS 6609 Choral Literature (3)**

A comprehensive survey of music for the choral medium.

**MUS 6610 Woodwind Instruments and Their Literature (3)**

A study of teaching techniques and materials for the bassoon, clarinet, flute, oboe, and saxophone.

**MUS 6611 Materials and Techniques for the Intermediate Band (3)**

A comprehensive survey of the literature for the intermediate band program. Criteria for selecting and evaluating methods will be developed and new approaches to instruction presented.

- MUS 6612 Techniques for Modern School Band (3)**  
An intensive study of the administration, materials, organization, and teaching techniques of school instrumental music programs.
- MUS 6613 Strategies for Performance Preparation (3)**  
The investigation and diagnosis of the five elements that constitute an outstanding musical performance: tone, intonation, rhythm, technique, and interpretation. Emphasis will be placed upon teaching and achieving the style, phrasing, balance, dynamics, nuance,agogics, note leading, and interpretative articulation.
- MUS Private Instruction in Performance (1)**  
Private instruction in performance. Students in the conducting program will be required to take two hours of performance instruction.
- 6614 Piano**  
**6615 Organ**  
**6616 Voice**  
**6617 Clarinet**  
**6618 Oboe**  
**6619 Flute**  
**6620 Bassoon**  
**6621 Saxophone**  
**6622 Trumpet**  
**6623 Horn**  
**6624 Trombone**  
**6645 Euphonium**  
**6646 Tuba**  
**6647 Percussion**
- MUS 6625 Specialized Study in Area of Music (1- 3)**  
**6626** A study of a problem or problems using research techniques. Selection of problems must be approved by the student's adviser, instructor under whom the study is to be made, and the appropriate Director of the Graduate School. Study should contribute to 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.*
- 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. The course is premised on the federal mandate that requires educators to employ the interactive framework established by PL 94-142 (now IDEA) to assure that all students are educated in the least restrictive environment. *Prerequisite: MUS 4460, SPE 3340 or SPE 6640*
- MUS 6631 Advanced Conducting I (3)**  
A study and conducting of a sequence of music which provides opportunities for appropriate skill development. Students will be evaluated and assigned materials suitable for their area of specialization. Choral students will work individually with the Director of Choral Activities, and instrumental students will work individually with the Director of Bands in addition to regular class lectures.
- MUS 6632 Advanced Conducting II (3)**  
Selection, study, and conducting of specific repertoire in preparation for an individual conducting recital (MUS 6633). Individualized study and research of a coherent group of compositions appropriate for a performance. Choral students will work individually with the Director of Choral Activities, and instrumental students will work individually with the Director of Bands in addition to regular class lectures.
- MUS 6633 Conducting Recital (1)**  
Graduate students in conducting, upon completing MUS 6631 and 6632, with the approval of their adviser and conducting mentor, will present and conduct a 30-minute recital with an appropriate vocal or instrumental ensemble. The performance will be videotaped for post-recital evaluation and final approval by the graduate conducting faculty.
- MUS 6635 Pedagogy of Music History, Theory and Musicianship (3)**  
A study relating musical historical and theoretical concepts to the secondary school performance and general music class. Consideration of separate music theory and appreciation classes as secondary level subjects. Study of the concept of comprehensive musicianship as a point of departure for the modern music education curriculum.
- MUS 6636 Conducting and Score Analysis Techniques (3)**  
A concentrated study of conducting patterns, gestures, and techniques. Score study through the coordinated application of music theory and history. Special emphasis will be placed on interpretation and the development of aural analysis skills.
- MUS 6637 The Heritage of the March (3)**  
A historical and analytical survey of marches for the concert band. Marches for groups of all ability levels will be presented and discussed. Performance, listening and historical background will be included.
- MUS 6650 Band Adjudication (3)**  
An intensive study of concert, marching, jazz band, and solo-ensemble adjudication and the requirements leading to certification.
- MUS 6653 Measurement and Evaluation of Musical Experiences (3)**  
This course is designed to provide graduate students with tools and techniques to accurately evaluate and measure music students' musical experiences, performances, and understandings. Additionally, a survey of recent research literature on assessment, musical and otherwise, will take place which will enhance various evaluation applications.

**MUS 6662 Advanced Instrumental Arranging (3)**

A study of advanced arranging and scoring concepts for instrumental ensembles. Study of contemporary harmony, voicing, scoring methods, and their applications to various ensemble groupings.

**MUS 6670 Practical Band Instrument Repair (3)**

This course covers the maintenance, repair and supervision of equipment used by modern music educators. Exploration of industry guidelines and evaluation of financial restraints on music programs. System and rationale for evaluating equipment will be developed.

**MUS 6691 Research and Evaluation in Music Education (3)**

A study and evaluation of a variety of research methods, types of reporting, analysis of standardized tests and construction of teacher-made tests. Required of all graduate music majors. *A grade of "B" or better is required.*

**MUS 6695 Thesis (3)**

Three hours may be applied toward fulfilling degree requirements when approved by the student's adviser and the Dean of Graduate Studies and Research. *Grading system is Pass/Fail.*

**MUS 6696 Practicum (1-3 credit hours)**

Supervised experiences related to instruction in music education. Application of skills, concepts and principles acquired in previous courses will be emphasized.

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**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 6606 Curriculum Development in Nursing Education (3)**

Provides content and learning experiences that enable students to understand all phases of the curriculum development process. Explores principles of curriculum development and major historical influences on nursing curricula. Includes in-depth analysis of the basic components and determinants of curriculum development as well as the concepts of balance, continuity, and sequence.

**NSG 6610 Power, Politics, and Policy Formulation in Nursing (3)**

Analysis of the relationship of power, politics, and policy formulation to nursing and healthcare.

**NSG 6612 Advanced Health Assessment (3)**

Designed to prepare an expert clinician in health

assessment of patients 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. *Co-requisite: NSG 6613 (FNP) or NSG 6618 (CNS).*

**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 in the role of the primary care family nurse practitioner. *Prerequisites: NSG 6671 and 6649 Co-requisite: NSG 6612.*

**NSG 6616 Role of the Nursing Administrator (2)**

Assists students to evaluate the role of the nurse administrator. Explores principles of ethical and critical decision-making, quality improvement, and communication for management and resolution of issues and conflicts within the functional role. Examines use of research, evidence, and outcome data for informed decision-making and consideration of factors that influence policy making within the nursing organization. *Prerequisite for MSN students: NSG 6604, 6660, 6691, 6692 and clinical specialty courses. Prerequisite for DNP students: NSG 6604, 6691, and clinical specialty courses. Co-requisite: NSG 6617.*

**NSG 6617 Nursing Administration Internship (3/12)**

Provides opportunities to apply management theories basic to nursing, administration. Includes supervised experiences in role of nurse administrator. *Prerequisite for MSN students: NSG 6604, 6660, 6691, 6692 and CNS clinical specialty courses. Prerequisite for DNP students: NSG 6604, 6691, and CNS clinical specialty courses. Co-requisite: NSG 6616.*

**NSG 6618 CNS Advanced Health Assessment Practicum (1/2)**

Clinical laboratory course designed to review and expand skills and expertise in health assessment. Successful completion requires validation of knowledge and skills needed to perform complete health assessment of individuals. *Co-requisite: NSG 6612.*

**NSG 6620 Advanced Adult/Gerontology Care I (2)**

Introduces the role of the adult/gerontology clinical nurse specialist. Presents concepts, principles, and skills necessary to provide evidence based advanced practice nursing care for culturally diverse younger adults (older adolescents) through older adults. Emphasizes normal growth and development, health promotion, disease prevention and early detection, and management of common health problems in a variety of settings. *Co-requisite: NSG 6621. Prerequisites: NSG 6612, 6618, 6671.*

**NSG 6621 Advanced Adult/Gerontology Care I Preceptorship (3)**

Provides clinical preceptorship opportunities for the clinical nurse specialist student to apply concepts, principles, and skills necessary to provide evidence based advanced practice nursing care for culturally diverse younger adults (older adolescents) through older adults in a variety of settings. *Co-requisite: NSG 6620. Prerequisites: NSG 6612, 6618, and*

6671.

- NSG 6622 Advanced Adult/Gerontology Care II (2)**  
Focuses on the clinical nurse specialist's role in the management of younger adults (older adolescents) through older adults who are physiologically unstable, technologically dependent and/or highly vulnerable to complications. Emphasizes increasing the students' knowledge and decision-making skills in order to accurately assess, diagnose and manage complex, acute and critically ill or injured adults. *Prerequisites: NSG 6620, 6621, 6604, 6660, 6691, 6692. Co-requisite: NSG 6623, 6649.*
- NSG 6623 Advanced Adult/Gerontology Care II Preceptorship (3)**  
Provides clinical preceptorship opportunities for care of the younger adult (older adolescent) through older adults in acute care settings. Assumes the role of expert clinician and consult in care for adults with acute health problems by focusing on direct care competencies. *Prerequisites: NSG 6620, 6621. Co-requisites: NSG 6622.*
- NSG 6625 Specialized Study in Advanced Nursing (1/4)**  
**6626** Under supervision of a faculty member, student may  
**6627** 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 6631 Concepts of Health Care Informatics (3)**  
An examination of concepts and technologies in the context of the healthcare delivery environment. Issues and applications addressed include hardware and software basics, data management, the Internet eCommunication, and security.
- NSG 6632 Theoretical Foundations of Nursing Informatics (2)**  
Explores the foundations of nursing informatics, related theories and sciences. Identifies nursing and healthcare data sets, classification systems, and nomenclatures utilized in practice. *Co-requisite or Prerequisite: NSG 6604.*
- NSG 6633 Health Care Information Systems (3)**  
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. Various methods for the evaluation of outcomes of clinical information systems are critiqued. *Prerequisites: NSG 6631, 6632.*
- NSG 6634 Role of the Nursing Informatics Specialist(2)**  
Focuses on the nursing informatics specialist's role in the healthcare environment. Emphasizes concepts, research, issues, and trends relative to the practice of the nursing informatics specialist. *Prerequisites: Completion of nursing specialty courses for Nursing Informatics Specialist. Co-requisite: NSG 6636.*
- NSG 6635 Informatics Applications (3)**  
Integrates informatics concepts and tools in the healthcare environment. Addresses regulatory, security, electronic communication, ergonomics, electronic health records, clinical decisions support systems, human-computer interactions, and emerging technologies. *Prerequisite: NSG 6633.*
- NSG 6636 Nursing Informatics Internship (4/16)**  
Facilitates the application of nursing and information systems theory to practice environments. Students participate in relevant clinical practice with a health or nursing information technology expert. *Prerequisites: Completion of nursing specialty courses for Nursing Informatics Specialist. Co-requisite: NSG 6634.*
- NSG 6638 Advanced Adult/Gerontology Care III (2)**  
Focuses on the clinical nurse specialist's role in facilitating care transitions across the lifespan from younger adults (older adolescents) through elderly adults with chronic and complex health problems, including multisystem problems. Emphasizes management and negotiation with interdisciplinary teams across multiple health care systems for achievement of outcomes. Provides an overview of health and social policy issues relevant to adults across the lifespan, advanced practice nursing roles, advocacy and case management.
- NSG 6639 Advanced Adult/Gerontology Care III Internship (3)**  
Provides clinical internship opportunities for the clinical nurse specialist student caring for younger adults (older adolescents) through older adults with chronic and multisystem health problems in varied care settings and in transitions across settings.
- 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. Discusses major classification of drugs and protocols for administration and use of technology in management of drug therapy.
- NSG 6655 Synthesis and Evaluation of Advanced Nursing Practice (1)**  
Provides end of program reflective activities for self-evaluation of achievement of the MSN program student learning outcomes, which include the core elements of theory, research, and roles of the Advanced Practice Nurse (APN). *Grading system is Pass/Fail. Prerequisites: NSG 5505, 6604, 6660, 6691, 6692, and clinical specialty courses. Corequisite: NSG 6697*

- NSG 6659 Adaptation to FNP Role (1)**  
Presents the conceptual and theoretical base of the advanced practice role of the family nurse practitioners. *For the post-master's FNP certificate student.*
- NSG 6660 Foundations of Advanced Practice (2)**  
Focuses on the advanced practice nurse's role in healthcare. Emphasizes the theoretical bases critical to leadership in the advanced practice role.
- NSG 6665 Primary Care I (3)**  
Focuses on advanced knowledge and theory base in the assessment and care of children and women of child-bearing age. Health promotion is emphasized, but the practitioner is also prepared to deliver complex multifaceted care to clients in home, acute, and rehabilitative settings. *Prerequisites: NSG 6612 and 6613. Co-requisite: NSG 6666.*
- NSG 6666 Primary Care I Preceptorship (3/9)**  
Clinical course in the advanced practice role of the family nurse practitioner with pediatric clients and women of childbearing age in primary care settings. *Prerequisites: NSG 6612, 6613. Co-requisite: NSG 6665.*
- NSG 6667 Primary Care II (3)**  
Focuses on advanced knowledge and theory base in the assessment and management of care of adult and gerontologic clients in primary care settings. *Prerequisites for MSN students: NSG 6604, 6660, 6665, 6666, 6691, 6692. Co-requisites: NSG 6668. Prerequisites for DNP students: NSG 6604, 6665, 6666, 6691. Co-requisites: NSG 6668.*
- NSG 6668 Primary Care II Preceptorship (3/9)**  
Clinical preceptorship course in the advanced practice role of the family nurse practitioner with adult and gerontological patients in the primary care settings. *Prerequisites: NSG 6665, 6666. Co-requisite: 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. *Prerequisites: All core nursing specialty courses. MSN students only: Co-requisite: NSG 6680.*
- NSG 6671 Advanced Pathophysiology (3)**  
Provides an in-depth study of pathophysiologic processes to correlate changes that occur at the cellular and system level with the development, clinical manifestations, and management of various disease states.
- 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. *Prerequisites: All core and FNP nursing specialty courses. Co-requisite: MSN students only: NSG 6670.*
- NSG 6691 Research Methodology (3)**  
Evaluates the principles of the research process for both quantitative and qualitative research. Emphasis is on the utilization and generation of research and evidence-based practice relevant to advanced nursing. *A grade of "B" or better is required.*
- NSG 6692 Data Analysis Techniques in Research (2)**  
Examines basic statistical methods for analyzing, interpreting, and evaluating data. The focus is on developing knowledge necessary to critically evaluate research reports and selected data.
- NSG 6695 Thesis (4 minimum)**  
*Prerequisites: NSG 6691, 6692. Pass/Fail.*
- 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. *Grading system is Pass/Fail. Prerequisites: NSG 6604, 6660, 6691, 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: NSG 6696.*
- Thesis Option**  
Students who plan to progress to doctoral education will be encouraged to pursue the thesis option in preparation for the doctoral dissertation. Students should discuss with their adviser the option prior to filing their degree plan.
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- DOCTOR OF NURSING PRACTICE**
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- NSG 8801 Healthcare Informatics and Data Management (3)**  
Provides an overview of the planning, implementation, and evaluation of clinical information systems. Assists student in recognizing the applications of nursing informatics in healthcare systems. Includes a historical review of the evolution of nursing informatics and current trends. Prepares student with knowledge and skills necessary to retrieve, manage, and generate data relevant to evidence-based practice. *Prerequisite: NSG 6655 or admission as post-MSN.*
- 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. *Prerequisites: NSG 8815, NSG 8820*

**NSG 8805 Principle 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. *Prerequisites: NSG 8802.*

**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 e-portfolio. Requires completion of a minimum of 60 clinical hours for the development of DNP role competencies. *Co-requisite: 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. *Co-requisite: 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. Synthesizes clinical, patient, aggregate and economic outcomes. Contributes to the development of DNP Synthesis Project methods and outcomes. *Prerequisites: NSG 8801, NSG 8802, NSG 8812. Co-requisites: 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. *Pre-requisite: NSG 8810. Co-requisite: NSG 8815*

**NSG 8822 Leadership in Organizations and Systems (2)**

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. *Prerequisites: NSG 8802*

**NSG 8824 Bioethical Issues In Healthcare (2)**

Focuses on the consistent themes in both bioethics and the laws related to bioethics. Includes: issues in morality, types of ethical theory, individual rights (freedoms), informed consent, patient-professional relations, right to privacy, professional ideals, and the four ethical principles of autonomy, non-maleficence, beneficence, and justice. Analyzes the leadership role of the DNP in the areas of preventative ethics and utilization of decision models for resolving ethical conflicts are analyzed. *Prerequisites: NSG 8801, NSG 8802, NSG 8812.*

**NSG 8826 Diversity and Social Issues in Health Care Systems (2)**

Explores health disparity and diversity as a result of economics, class structures, cultural background and social stigmas. Critically analyzes the impact of local, national, and international social issues on health care delivery. Examines prominent social issues for the development of appropriate clinical guidelines and policy for patients, groups, and organizations. Analyzes healthcare models for accuracy and appropriateness based on evidence of cultural health seeking behaviors of groups. *Prerequisites: NSG 8815, and NSG 8820.*

**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 Synthe-

sis Project outcomes. Requires completion of a minimum of 120 clinical hours and up to 240 clinical hours. *Prerequisite: 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: NSG 8830.*

**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. *Co-requisite: NSG 8840.*

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### PUBLIC ADMINISTRATION

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**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.*

**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 non-profit 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: 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 multi-generational workforce.

**PA 6607 Performance Measurement and Management for Public and Non-profit Organizations (3)**

This course focuses on how performance measurements are becoming increasingly important in public and non-profit 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 6610 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 student is introduced to the case analysis method.

**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.

**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(s) 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(s). *Prerequisite: PA 6601.*
- 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 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: 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, rule-making, 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 6647 Advanced Contract Administration (3)**  
An examination of the current processes, procedures, standards, issues and problems in planning, managing, auditing, and evaluating contract performance. *Prerequisite: PA 6645.*
- PA 6648 Contract Negotiation (3)**  
This course focuses on management of the overall contract negotiation process and examines the basics of negotiation, including the procedures, processes, psychology, and skills. These contract negotiation processes are applied to the defense contracting framework. Perspectives of both government and commercial interests are explored.
- PA 6649 Government Contract Law (3)**  
This course focuses on legal aspects of government contracting. Procurement laws and federal acquisition regulations are examined to serve as a basis for development of case methods. The case methods are used in this course to emphasize legal procedures and logic. The course highlights the significance of the legal process for practicing public administrators.
- 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(s) in a public or non-profit 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 6665 Leadership in Public Administration (3)**  
A survey of leadership theories, styles, and strategies in the contemporary public and nonprofit workplace.
- 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 Nonprofit 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 acquisition 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.

<b>PA 6675</b>	<b>Public Health Services Administration and Policy (3)</b> 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.			<b>PHYSICS</b>
<b>PA 6676</b>	<b>Legal and Social Issues in Public Health Administration (3)</b> An examination of the legal and ethical aspects of contemporary legal and social issues within the public health services administration process.	<b>PHY 5500</b>	<b>Topics in Physics (3)</b> 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.	
<b>PA 6677</b>	<b>Public Health Preparedness &amp; Emergency Response (3)</b> 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.	<b>PHY 5511</b>	<b>Advanced Modern Physics (3)</b> Foundations of statistical physics, solid state physics, nuclear physics, elementary particles, astrophysics, and cosmology. <i>Prerequisite: PHY 5510</i>	
<b>PA 6678</b>	<b>Introduction to Public Health (3)</b> 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.	<b>PHY 5520</b>	<b>Mechanics (3)</b> A study of the kinematics and dynamics of particles and systems of particles.	
<b>PA 6679</b>	<b>E-Governance (3)</b> The course studies concepts and methods of e-Government strategies to include planning, implementing, and evaluating information technology used to deliver government services. Topics include e-Government 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.	<b>PHY 5530</b>	<b>Electromagnetic Fields (3)</b> 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.	
<b>PA 6694</b>	<b>Internship (3)</b> A practical learning experience in a public or non-profit organization that includes a written paper analyzing a problem pertinent to the student's concentration. <i>Grade is Pass/Fail.</i>	<b>PHY 5591</b>	<b>Guided Independent Research (1)</b> 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.	
<b>PA 6699</b>	<b>Capstone in Public Administration (3)</b> The required outcome assessment course using case analyses, papers, and/or computer simulations that emphasize the application of analytical skills and knowledge gained from curriculum courses to administrative, organizational, and policy problems. <i>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 the instructor, 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.</i>	<b>PHY 5593</b>	<b>Guided Independent Study (3)</b> An independent study for advanced students under the direction of a faculty member.	
		<b>PHY 6600</b>	<b>Advanced General Physics (3)</b> 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. <i>Prerequisite: Eleven hours of college physics or permission of instructor.</i>	
		<b>PHY 6625</b>	<b>Specialized Study in Area of Physics (1-3)</b>	
		<b>6626</b>	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. <i>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.</i>	
		<b>6627</b>		
				<b>POLITICAL SCIENCE</b>
		<b>POL 5520</b>	<b>The Vietnam War (3)</b> Study of the period 1946 to 1975 in Indochina with emphasis on American involvement during and after the French colonial period, escalating involvement of the Kennedy and Johnson administration, and Vietnamization and withdrawal under President Nixon.	

**NOTE:** Courses from disciplines other than Public Administration (CJ and IR) used as PA concentration selections are described in the Catalog sections pertaining to those programs.

- POL 5523 U.S. Diplomatic History (3)**  
Study of factors, forces, and functions in making of American foreign policy. Includes description and analysis of principal developments in U.S. and interactions with other countries from 1760s to 1941.
- POL 5524 Contemporary American Foreign Policy (3)**  
Analysis of American role in the world since Pearl Harbor, nature and significance of current American foreign policy, rationales and suggested alternatives, and policy-making process.
- POL 5533 Comparative Government (3)**  
Comparative analysis of major world power governments with emphasis upon comprehension of differences which lead to international tensions.
- POL 5551 International Relations (3)**  
Analysis of contemporary world politics, including structures and processes through which states interact, power politics, geopolitics, regional alliances, and psychological warfare.
- POL 6625 Specialized Study in Area of Political Science (1-4)**  
**6626** Study of problem or problems using research techniques. Selection of problem must be approved by student's adviser, professor under whom study is to be made, and Dean of the Graduate School. 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 is not to 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.*
- POL 6665 Reading in International Relations (3)**  
Guided program of reading and study of international relations. Should be related to student's needs and have approval of adviser. *See semester hour limits listed under Course Restrictions in General Regulations section.*
- 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. *Prerequisites: 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.*

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#### POST SECONDARY EDUCATION

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- 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. *Prerequisites: This course is open only to students enrolled in the Masters of*
- PSYCHOLOGY**
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- 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)**  
Training and experience in design, execution, and

evaluation of behavior modification programs for professionals in fields of counseling, education, rehabilitation and psychology. Provides study of key concepts of classical and operant conditioning, as well as discussion and application of specific strategies building on conditioning principles.

**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 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 6613 Objective Personality Assessment (3)**

An introduction to objective personality assessment. 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. *Prerequisites: PSY 6645 or similar graduate course and PSY 6669 or similar graduate course.*

**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 6625 Specialized Study in Psychology (1-3)**

**6626** 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 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. *(Must make a "B" to apply toward any teacher certification program).*

**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 life style. 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 administering the Wechsler scales are taught include but are not limited to the following: WAIS-III, WISC-III, WPPSI-R, WIAT, and WMS. The student administers, scores, and interprets test batteries and writes satisfactory reports. *Prerequisites: PSY 6645 and adviser approval.*

**PSY 6637 Stanford Binet and Others (3)**

This course requires the administration, scoring, interpretation and reporting of psycho-educational 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. *Prerequisites: 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 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, understanding 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, other procedures, including individual and group methods of assessment. *Prerequisite: CP/EDU 6691 (with a grade of B or better), or permission of instructor*

**PSY 6648 Theories of Personality (3)**

A critical analysis of major theories and systems of personality.

**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. *Prerequisites: 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 meas-

urement procedures including construction, use, and interpretation. Construction of teacher/counselor-made tests and measuring devices.

related to the disabled persons and to their families. Aspects of personal and social adjustment will be emphasized.

- PSY 6655 Internship: Psychology Assessment (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 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 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. Prerequisites: 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: 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: PSY 6669.*
- PSY 6688 Medical/Psychosocial Aspects of Disability (3)**  
A study of medical and psychological information
- 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: ADE/CP/EDU 6691.*
- 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)**  
**7726**  
**7727**  
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 multi-state requirements for internship experiences. *Prerequisites: 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 multi-state requirements for internship experiences. *Prerequisites: 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 multi-state requirements for internship experiences. *Prerequisites: 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)**  
**7795** 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 ap-

proved by the student's advisory committee. The advisory committee will administer an oral examination covering the research findings. *Grading system is Pass/Fail.*

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### QUANTITATIVE METHODS

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**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. *Prerequisites: Graduate standing, admission into the MBA program and all undergraduate business prerequisite 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: QM 6640*

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### READING

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**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 6670 Advanced Study of Literacy (3)**

This course prepares the student to examine the variables related to difficulties in learning to read printed material. Emphasis is placed on designing appropriate programs of improvement.

**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 Diverse Populations (3)**

A study of English language learners and culturally and academically diverse learners and an examination of appropriate instructional strategies for those learners. Field experiences required.

**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.

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### GENERAL SCIENCE

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**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. *Prerequisites: 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. Prerequisite: Eight hours of coursework in science or permission of instructor. See semester hour limits listed under Course Restrictions in General Regulations section.*

**SCI 6625 Specialized Study in Area of Science (1-4)**

**6626**  
**6627**  
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.*

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**SECONDARY EDUCATION**


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- 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.

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**SECOND LANGUAGE INSTRUCTION**


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- 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 mid-term, 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 socio-cultural 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 XXXX** Methods and Approaches to Second Language Teaching.

- SL 6035 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.*

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### SOCIOLOGY

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**SOC 5517 Minorities in the U. S. Social Structure (3)**  
An analysis of the role of racial and cultural minorities in American society. Contributions of anthropology, sociology, and psychology to theories of minority/majority group relations.

**SOC 5520 Sociological Theory (3)**  
An introduction to the area of sociological theory with emphasis on theorists, their works and contributions to modern sociological theory.

**SOC 5530 Social Problems in Contemporary Society (3)**  
A study of the changing social structure, urban and rural problems, self-help and citizen participation, indigenous leadership and urban-rural fringe problems.

**SOC 6625 Specialized Study in Area of Sociology (3)**  
**6626** 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 6630 Advanced Gerontology (3)**  
A graduate seminar on practical and methodological aspects of modern gerontology. Special emphasis is placed upon interdisciplinary, agency, and social intervention techniques for administrative and service workers with aged populations. The practical orientation of the seminar is designed to promote the development of professional skills in applied gerontology. *Prerequisite: SOC 3350.*

**SOC 6631 Social Deviation (3)**  
A graduate seminar which 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 6650 Educational Sociology (3)**  
The school is one of the chief agencies of socialization and a requisite of social order in complex societies. Special consideration is given to the works of anthropologists.

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### SOCIAL SCIENCE

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**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)**  
A survey of the methods used in the Social Sciences to collect, analyze, and report data.

**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 6698 Social Theory (3)**  
A survey of theoretical approaches used historically and currently in the Social Sciences.

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### SOCIAL WORK

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**SWK 6601 Social Welfare Policy and the Social Work Profession (3)**  
This course is designed to assist students in developing a working understanding of American social policy, and the social welfare 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.

**SWK 6604 Human Behavior In The Social Environment (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 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 multi-level 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.

**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 Theory and Practice with Communities Organizations (3)**

Explores social work interventions at the community level, including organization, planning, and development. Discusses strategies for mobilizing community members, using community organizations, formulating coalitions, engaging in participatory planning, and social and economic development.

**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, inter-group, inter-group, and inter-system 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 6691 Foundation Research Methods (3)**

Basic principles of developing, testing, refining, and using scientific knowledge for 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. *Prerequisites: Undergraduate or higher course in statistics*

**SWK 6696 Foundation Practicum and Seminar (6)**

The Foundation Field Practicum and Seminar engages the student in an assigned human 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 includes 200 contact hours at an agency and must be taken 2 times for a total of 400 contact hours at the same agency. *Prerequisites: Approved by Director of Field Education*

**SWK 7701 Advanced Social Work Practice with Individuals and Families (3)**

Advanced practice with individuals within family systems and community environments are addressed. The course builds from the knowledge acquired in SWK 6604 and SWK 6606 by expanding the conceptual dynamics of the ecological perspective related to individuals. Topics will include assessing individuals within a family and community context using multiple theoretical orientations.

*Prerequisites: SWK 6604 and SWK 6606*

**SWK 7703 Direct Practice Evaluation (3)**

This course is the second research course in the graduate social work curriculum. Building upon the principles of social science research methods acquired in SWK 6691, the content of this course focuses upon the linkages between family centered social work practice and social research. *Prerequisites: SWK 6691*

**SWK 7705 Assessment and Psychopathology (3)**

This course provides an overview of social work assessment methods applicable to family-centered clinical practice. Topics include the basic principles of social work assessment (including reliability and validity) and a review of common methods of empirically supported assessment methods.

**SWK 7707 Advanced Social Work Practice with Groups (3)**

This advanced clinical practice course teaches group practice skill 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 experiential format. *Prerequisites: Complete Foundation course work*

**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 examines current issues, major concepts, and principles in grant writing (primarily) and program development (secondarily). Specific content is focused on development of proposals for human service agencies and related programs. The components of a human service proposal are examined including: needs assessment, objectives, program designs and models, evaluation designs, budgeting, and future funding.

**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 mili-

tary 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 7730 ORGM Evaluation (3)**

This course is designed to teach the integration of systems of care practices with the essential tools of ongoing assessment and development. There is a direct linkage between SWK 7730 and SWK 7732 (Program Design and Development). The student will examine quantitative tools such as Logic Models, Tylerian model, and other utilitarian models in addition to qualitative tools such as action research, participants' model, and other pluralistic models.

**SWK 7732 Program Design and Development (3)**

The student learns current issues, theories, policies, and methods in the development and management of nonprofit organizations, with emphasis upon strategic planning; resource acquisition through marketing, fund-raising, and grants; financial and managerial accounting; and human resources development, including the board, staff, and volunteers. *Prerequisites: Graduate student, completion of core curriculum.*

**SWK 7734 Advanced Policy Analysis (3)**

This course is designed to provide students with the ability to analyze contemporary social welfare policy issues and programs and to understand the relationship between social policy theory and social work practice. The course focuses on historical, political, economic, and other social conditions that influence policy development in the United States and some other countries.

**SWK 7736 Organizational Leadership and Management (3)**

This course examines current issues, theories, policies, and methods in the development and management of organizations, with emphasis upon strategic planning; resource acquisition through marketing, fundraising, and grants; financial and managerial accounting; and human resources development, including the board, staff, and volunteers. *Prerequisites: Foundation Courses completed*

**SWK 7738 Organizational Leadership and Management 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 current issues, theories, policies, and methods in the development and management of organizations.

**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.

**SWK 7796 Concentration Practicum (9)**

Placement in a social service agency which provides the opportunity to practice and develop beginning professional social work skills under the joint supervision of a faculty and an agency supervisor. Includes a weekly seminar plus a minimum of 170 hours in a concentration agency setting. Course repeated 3 times. Prerequisites: Completion of all Foundation Courses. Must have approval of Director of Field Education. *Prerequisites: Completion of all Foundation Courses. Must have approval of Director of Field Education.*

al property, agency, contract, and business law.

**SFM 6614 Risk Management in Sport (3)**

Sport organizations are required to ensure safety and, as a result, they may be held liable for injuries. While safety and risk management are not viewed as being overly complicated, the specific understanding of safety principles and risk management decisions that assist sport managers to provide reasonably safe environments may be more problematic. 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.

**SFM 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.

**SFM 6616 Sport Finance (3)**

This course is designed to provide students with information concerning advanced theory in finance, accounting, and managerial control of budgets.

**SFM 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. *Prerequisites: SFM 6600 and permission of advisor.*

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**SPORT AND FITNESS MANAGEMENT**

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**SFM 6600 Foundations of Sport & Fitness Management (3)**

This course is designed to introduce graduate students to the field of sport management. Various topics related to sport management and related fields will be discussed. *Students must enroll in this course during their first semester of graduate school.*

**SFM 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.

**SFM 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 non-parametric statistical techniques, multivariate data analysis (MANOVA), and others using SPSS and other statistical software.

**SFM 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, intellectu-

**SFM 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.

**SFM 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 Specialist (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. *Prerequisite: SFM 6650*

**SFM 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 for goal of improving athletic performance. *Prerequisite: SFM 6650*

**SFM 6625 Specialized Study in SFM (1-3)**

**6626** Study of problem or problems using research

- 6627** 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.*
- SFM 6632 Critical Issues in Sport and Fitness 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, fitness, health and physical education.
- SFM 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.
- SFM 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.
- SFM 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 non-profit sector and learning the theoretical base required to complete the process accurately and proficiently.
- SFM 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.
- SFM 6642 Managing Sport and Physical Activity Organizations (3)**  
This course focuses on the conceptual analysis of management in sport. The field of sport management is described in terms of the services within the field, and management itself is viewed as the coordination of the processes of production and marketing of those services. Students will discuss and demonstrate knowledge in managerial functions of planning, organizing, leading and evaluating problems associated with the production and marketing of services within the field of sport management. *Prerequisite: SFM 6600*
- SFM 6644 Human Resource Management in Sport and Physical Activity (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. *Prerequisite: SFM 6600*
- SFM 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 will allow advanced interpretation of the metabolism of macronutrients during conditions of exercise and disordered metabolism. *Prerequisite: SFM 6670*
- SFM 6670 Exercise Physiology (3)**  
This course examines acute and chronic physiological responses of 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.
- SFM 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. *Prerequisite: SFM 6650*
- SFM 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.
- SFM 6673 Ethics in Sport (3)**  
The course examines ethical matters and issues relating to sport and physical activity.
- SFM 6674 Entrepreneurship in Sport (3)**  
The course provides students with an awareness and understanding of basic concepts and problems in starting a business.
- SFM 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.

**SFM 6680 Practicum in Sport and Fitness Mgt. (1-9)**

**6681** 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.*

**SFM 6690 Internship (3)**

A 400-hour supervised experience in planning, staging and evaluating a formal practicum in related field.

**SFM 6691 Research Methods II (3)**

This course examines the variety of research methods and reporting methods used in sport & fitness management research. A grade of "B" or better is required. *Prerequisite: SFM 6600, SFM 6604, and SFM 6617 with a "B" or better*

**SFM 6695 Thesis (3)**

The thesis must be related to an educational problem or situation within sport and fitness management. Information regarding the thesis program may be obtained from the Dean of the Graduate School.

**SFM 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.

*Prerequisite: SFM 6691 or an equivalent course.*

**SFM 8803 Research Methods I (3)**

This course is designed to provide students with a fundamental understanding of the research process in sport management. The course is intended to familiarize students with research principles, concepts, methods, and techniques that can be applied into a wide variety of sport services. A grade of "B" or better is required. *Prerequisite: SFM 8801 Statistical Analysis and Interpretation and SFM 6691 or equivalent course with a grade of "B" or better.*

**SFM 8805 Research Methods II (3)**

This course examines the variety of research methods and reporting methods used in sport and fitness management research. A grade of "B" or better is required. *Prerequisite: SFM 8801 Statistical Analysis and Interpretation and SFM 8803 Research*

*Methods I with a grade of "B" or better.*

**SFM 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. *Prerequisite: SFM 6691 or equivalent course and permission of the course instructor and academic advisor.*

**SFM 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. *Prerequisite: SFM 88XX and a graduate level statistics course.*

**SFM 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. *Prerequisite: SFM 6640 or equivalent course.*

**SFM 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. *Prerequisite: SFM 6616 or equivalent course.*

**SFM 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 principles, and variables, including analysis of the methods and materials commonly utilized by organizational researchers. *Prerequisite: SFM 6615 or course equivalent.*

**SFM 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.

*Prerequisite: SFM 6610 or equivalent course.*

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## SPECIAL EDUCATION

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**SFM 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.

**SFM 8824 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.

**SFM 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.

**SFM 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.

**SFM 8840 Revenue Generation in Sport (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.

**SFM 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 with a term.

**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. *Co-requisite: 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 the characteristics of students with learning disabilities and attention deficit/hyperactivity as well as classroom-tested and research-based instructional strategies. Specifically this course provides strategies for adapting curriculum materials, teacher instruction, and student practice activities for both basic-skills and content area instruction. *Prerequisite: SPE 3340 or SPE 6640 (or equivalent).*

**SPE 6615 Adaptive Teaching Strategies for Students with Moderate/Severe Disabilities K-6 (3)**

A comprehensive study of research, theoretical issues, diagnosis, and educational planning for those students with moderate/severe disabilities. Curriculum adjustment and differentiated instruction will be emphasized. *Prerequisite: 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: 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: 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, diagnosis, and educational planning for those students with moderate/severe disabilities. Curriculum adjustment and the development of differential instruction will be emphasized. *Prerequisite: 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 data-based instructional decision making. *Prerequisite: SPE 6640 or equivalent.*
- SPE 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. The course is premised on the federal mandate that requires educators to employ the interactive framework established by PL 94-142 (now IDEA) to assure that all students are educated in the least restrictive environment. *Prerequisite: SPE 3340 or SPE 6640*
- SPE 6631 Legal Issues in Special Education (3)**  
This course provides the special educator with relevant back-ground 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. *Prerequisite: SPE 3340 or SPE 6640 (or equivalent)*
- 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
- 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: an undergraduate course in the integration of technology into the curriculum.*
- SPE 6640 Teaching Diverse Learners (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. *Co-requisite: 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. *Co-requisite: 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(s) of specialization (K-6). The application of skills, concepts, and principles acquired in previous coursework as well as current research will be emphasized.
- 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: Undergraduate special education assessment*

**SPE 6695 Collaborative Teacher 6-12 Practicum (3)**  
This course is designed to provide a supervised experience related to instruction in the area(s) 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. *Prerequisite: SPE 6610*

**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. *Prerequisites: 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 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. *Prerequisites: SPE 6610*

**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. *Prerequisites:*

*Completion of all core and teaching field courses for persons who do not currently hold an undergraduate teaching certificate in Collaborative Teacher, K-6.*

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## TAXATION

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**TAX 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. *Prerequisites: Admission to the MBA, M.Acc or M.Tx program, including fulfillment of all business foundation courses and ACT 4494 and ACT 4495. A grade of "B" or better is required for M.Tx students.*

**TAX 6685 Taxation of Individuals (3)**  
This course is an in-depth study of the federal taxation of individuals with heavy emphasis on property transactions. This course covers the major tax doctrines applicable to the taxation of individuals. This course addresses includible and excludible items of income and deductions allowed in calculating taxable income. The course requires the writing of a tax research paper, which would be suitable for submission to a high quality professional tax journal. *Prerequisite or co-requisite: TAX 6684*

**TAX 6686 Estate and Gift Taxation (3)**  
This course covers the federal taxation of estates and gifts and provides an introduction to the federal income taxation of estates and trusts. This course will have a tax planning focus. *Prerequisite or Co-requisite: TAX 6684*

**TAX 6687 Tax Practice and Procedure (3)**  
This course is a study of the Internal Revenue Service (IRS) tax assessment and collection process, including the examination of tax returns and the appeals process. The course covers the statutes of limitation on assessment, collection and refund claims. The course explains the legal and ethical requirements for practice before the IRS and the civil and criminal penalties that may be assessed. The course requires the preparation of a sample protest letter for a conference with the IRS Appeals Division. *Prerequisite or co-requisite: TAX 6684*

**TAX 6688 Taxation of Corporations and Shareholders (3)**  
The course is a study of the federal taxation of corporations and shareholders. The course covers the tax aspects of forming a corporation, operating a corporation, distributions in respect of stock, redemptions of stock, and corporate liquidations. The course requires the writing of a tax research paper, which would be suitable for submission to a high quality professional tax journal. *Prerequisite or co-requisite: TAX 6684*

**TAX 6689 Taxation of Partnerships and Partners (3)**  
The course is a study of the taxation of partnerships and partners. The course covers the tax aspects of acquiring a partnership interest, the partner's share

of partnership income or loss, distributions of partnership assets and calculation of a partner's basis in the partnership. The course requires the writing of a tax research paper, which would be suitable for submission to a high quality professional tax journal.  
*Prerequisite or co-requisite: TAX 6684*

**TAX 6690 State and Local Taxation (3)**

The course is a study of state and local taxation. The course covers the tax aspects of state income tax, state and local sales and use tax, state franchise tax, and state gift and inheritance tax. *Prerequisite or co-requisite: TAX 6684*

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**TEACHER LEADER**

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**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 Involving Parents and Community Stakeholders (3)**

The focus of this course is on the successful school and what it must do to garner parental involvement and the community support that it needs. This course is a combination of the theory of community relations (why must communities support local schools to achieve their goals?) and a primer on how to develop the family and community partnerships which will help the school to achieve its goals.

**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**

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.



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 Regional Director, Development ..... Kathy Ninas, M.Ed.  
 Regional Director, Development ..... Melody Denson, B.A.  
 Director, Planned Giving..... Vacant  
 Senior Director, Institutional Development ..... Vacant

***IV. Student Services and Administration***

Associate Dean, Student Services (Dothan) ... Sandy Henry, M.S.  
 Associate Dean, Student Services (Montgomery) .....  
 ..... Jim Smith, M.S.  
 Associate Dean, Student Services (Phenix City).....  
 ..... Jack Miller, M.B.A.  
 Dean, Student Services (Troy)..... Herbert E. Reeves, M.S.  
 Chief Officer, Technology and Security ..... Greg Price, M.L.A.  
 Director, Student Involvement and Leadership.....  
 ..... Barbara E. Patterson, M.S.Ed.  
 Chief of University Police ..... John McCall, B.S.

*Complete faculty information is available from the Office of the Senior Vice Chancellor for Academic Affairs.*

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## GRADUATE FACULTY

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**Abbey, Robert F., 2002.** *Associate Professor*, Global Campus. B.S., University of Oregon, 1969. M.S., Colorado State University, 1973. M.P.A., University of Southern California, 1982. D.P.A., University of Southern California, 1985.

**Aisami, Riad S., 2003.** *Associate Professor*, Global Campus. B.A., Baghdad University, 1980. M.Ed., Tuskegee University, 1983. Ph.D., Wayne State University, 1988.

**Allard, Catherine L., 1989.** *Professor*, Troy. B.M., SUNY College at Potsdam, 1972. M.S., SUNY College at Potsdam, 1974. D.M.A., Peabody Conservatory of John Hopkins, 1990.

**Allen, Annette M., 2006.** *Assistant Dean for Administration*, College of Arts & Sciences; *Associate Professor*, Montgomery. B.A., Indiana University, 1983. M.A., University of North Texas, 1986. Ph.D., University of Houston, 1994.

**Allen, Pamela S., 1990.** *Associate Professor*, Troy. B.A.E., University of Florida, 1977. B.F.A., Ringling School of Art and Design, 1987. M.F.A., University of Mississippi, 1989.

**Allen, Tina Kathalyn D., 1987.** *Associate Professor*, Montgomery. B.S.N., Tuskegee University, 1976. M.S.N., University of Alabama at Birmingham, 1979. Ed.D., Auburn University, 2004.

**Ames, Orrin K., 2011.** *Assistant Dean for Administration*, Sorrell College of Business; *Associate Professor*, Dothan. B.S., University of Alabama, 1966. J.D., Samford University, 1969. L.L.M., Harvard Law School, 1976.

**Amonson, Christina, 2012.** *Assistant Professor*, Troy. B.M.E., University of Idaho, 1996. M.M., Manhattan School of Music, 1998. D.M.A., The University of Arizona, 2012.

**Amponsah, David K., 2000.** *Associate Professor*, Troy. B.S., Andrews University, 1972. M.B.A., Andrews University, 1973. Ph.D., Michigan State University, 1987.

**Anderson, Terry, 1998.** *Associate Professor*, Global Campus. B.A., Stetson University, 1969. B.A. University of Central Florida, 1973. M.S., Saint Thomas University, 1989. Ph.D., Florida Atlantic University, 1997.

**Arrington, David L., 2005.** *Assistant Professor*, Dothan. B.S., University of Southern Mississippi, 1997. Ph.D., University of Alabama, 2008.

**Arrington, Pamela, 2009.** *Associate Dean, Professor*, Montgomery. B.A., Spelman College, 1974. M.A., The University of Michigan, 1975. Ph.D., George Mason University, 1995.

**Baek, Chung, 2006.** *Associate Professor*, Dothan. B.S., Yonsei University, 1997. M.S., University of Nebraska-Lincoln, 2001. Ph.D., University of Nebraska-Lincoln, 2006.

**Bailey, S. Scott, 2004.** *Associate Dean*, Sorrell College of Business; *Associate Professor*, Troy. B.S., United States Military Academy, 1970. M.P.A., University of Colorado at Boulder, 1977. M.S., University of Colorado at Boulder, 1981. Ph.D., Colorado School of Mines, 1989.

**Bailey, Wendy C., 2005.** *Associate Professor*, Troy. B.S., Pennsylvania State University, 1982. Ph.D., Colorado School of Mines, 1989.

**Bandow, Diane F., 2002.** *Professor*, Global Campus. B.S., Iowa State University, 1973. M.S., National Louis University, 1992. M.A., The Fielding Institute, 1996. Ph.D., The Fielding Institute, 1998.

**Barron, Dianne L., 1991.** *Associate Provost and Dean of the Graduate School; Professor*, Troy. B.S., University of Texas, 1974. M.Ed., University of Hawaii, 1977. Ed.D., George Washington University, 1999.

**Bateman, Benjamin J., 1970.** *Professor*, Troy. B.S., Florida State University, 1965. M.S., Texas A&M University, 1967. Ph.D., Texas A&M, 1970.

**Beaulier, Scott A., 2010.** *Director of Manuel H. Johnson Center for Political Economy; Associate Professor*, Troy. B.S., Northern Michigan University, 2000. M.A., George Mason University, 2003. Ph.D. George Mason University, 2004.

**Beaver, Rodney W., 1994.** *Professor*, Dothan. B.S., North Carolina State University, 1978. Ph.D., North Carolina State University, 1982.

**Belsches, Alan T., 1985.** *Professor*, Dothan. B.A., College of William & Mary, 1974. M.A., University of North Carolina, 1979. Ph.D., University of North Carolina, 1983.

**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.

**Benson, Amanda K., 2003.** *Professor*, Troy. B.S., University at Buffalo, 2000. M.S., Eastern Kentucky University, 2001. Ph.D., University of Southern Mississippi, 2003.

**Benton, Brian, 2012.** *Lecturer*, Phenix City. B.A., Auburn University, 1995. B.M.E., Auburn University, 1997. J.D., Samford University, 1999.

**Berry, Stephan, 2014.** *Assistant Professor*, Troy. B.S., Texas Tech University, 1985. M.Ed., Texas Tech University, 1991. Ph.D., Texas Tech University, 2013.

**Bethell, Detra, 2013.** *Assistant Professor*, Dothan. B.A., The University of Georgia, 1995. M.Ed., The University of Georgia, 2002. Ph.D., University of South Florida, 2013.

**Bibbins, Wilfred Jerome, 1990.** *Professor*, Troy. B.S., Auburn University at Montgomery, 1974. M.A., Southern Illinois University Edwardsville, 1975. Ph.D., University of Arkansas, 1981.

**Billington, Neil, 2000.** *Professor*, Troy. B.S., Loughborough University, 1978. Ph.D., Loughborough University, 1985.

**Blackstock, Timothy A., 2008.** *Associate Professor*, Troy. B.A., Newberry College, 2002. M.A., Tennessee Technological University, 2005. D.M.A., University of Kansas, 2008.

**Blackwell, Rodney Dean, 2005.** *Assistant Professor*, Global Campus. B.B.A., University of Houston-Clear Lake, 1979. M.S., University of Houston-Clear Lake, 1987. Ph.D., University of

North Texas, 1997.

**Blake, Arthur, 2010.** *Lecturer*, Global Campus. B.S., Georgia Southern University, 1968. MPA, Georgia State University, 1975. Ph.D., Georgia State University, 1996.

**Blocher, Larry, 2005.** *Professor*, Troy. B.M.E., Morehead State University, 1975. M.M., Morehead State University, 1977. Ph.D., Florida State University, 1986.

**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.

**Bohler, Jeffrey A., 2010.** *Assistant Professor*, Montgomery. B.S., Georgia Institute of Technology, 1985. M.S., Air University, 2000. Ph.D., Auburn University, 2009.

**Boncek, John James, 2003.** *Associate Professor*, Montgomery. B.A., University at Buffalo, 1978. J.D., Temple University, 1981. M.S., Louisiana State University, 1990. Ph.D., University of Central Florida, 2003.

**Bowron, Rhonda K., 1999.** *Associate Professor*, Troy. B.S., Troy State University, 1974. M.S., Troy State University, 1976. Ed.S., Troy State University, 1997. Ph.D., Auburn University, 2001.

**Boyd, Lynn, 2007.** *Assistant Professor*, Montgomery. B.A., Auburn University at Montgomery, 1994. M.E., Auburn University at Montgomery, 1997. Ph.D., University of Alabama, 2007.

**Boyte-Eckis, Lane, 2005.** *Assistant 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.

**Brown, Angela, 2012.** *Assistant Professor*, Montgomery. B.S.N., Saint Joseph's College, 1996. M.S., Purdue University, 2002.

**Browning, Frank, 2002.** *Associate Professor*, Global Campus. B.A., Wake Forest University, 1972. M.Ed., Boston University, 1977. M.H.A., Georgia State University, 1981. Ph.D., University of North Carolina at Greensboro, 1996.

**Bryant, Natalie, 2013.** *Assistant 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.

**Bullock, Robert, 2010.** *Lecturer*, Troy. Musical Industry Professional in Residence.

**Burgan, William Michael, 2005.** *Assistant Professor*, Phenix City. B.S., University of Montevallo, 1971. M.A., University of Alabama, 1973. Ph.D., University of Alabama, 1984.

**Burks, Eddy J., 2006.** *Associate Professor*, Global Campus. B.S., University of Alabama, 1977. M.B.A., Louisiana Tech University, 1982. D.B.A., Louisiana Tech University, 1988.

**Burns, Djuana, 2006.** *Assistant 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.

**Burrington, Benjamin, 2012.** *Assistant Professor*, Troy. B.S., Carnegie Mellon University, 2001. Ph.D., University of Michigan, 2006.

**Busby, Ruth S., 2009.** *Assistant Professor*, Troy. B.S., Auburn University at Montgomery, 1988. M. Ed., University of West Alabama, 1990. Ed.D., University of West Alabama, 2008.

**Bush, Gayle L., 2002.** *Associate Professor*, Troy. B.S., Baylor University, 1985. M.S.E., Baylor University, 1986. D.A., Middle Tennessee University, 2002.

**Bynum, Robin Strain, 2003.** *Associate Dean*, College of Education; *Professor*, Dothan. B.S., Tuskegee Institute, 1978. M.Ed., Tuskegee University, 1982. Ed.D., Argosy University, 1999.

**Byrd, William L., 2010.** *Assistant Professor*, Montgomery. B.S., Francis Marion University, 2006. M.S., Auburn University, 2008. Ph.D., Auburn University, 2010.

**Caldarola, Richard A., 2003.** *Associate Professor*, Global Campus. B.A., La Salle University, 1972. M.B.A., Friends University, 1992. D.B.A., Nova Southeastern University, 1998.

**Campbell, Alan D., 2007.** *Associate Professor*, Montgomery. B.S., Arkansas State University, 1978. M.B.A., Arkansas State University, 1982. Ph.D., University of North Texas, 1988.

**Campbell, Joel R., 2010.** *Associate Professor*, Global Campus. B.A., The University of Texas at El Paso, 1977. M.P.A., The University of Texas at Austin, 1974. Ph.D., Miami University, 1994.

**Capozzoli, Ernest, 2014.** *Associate Professor*, Dothan. B.S., Troy State University, 1975. M.B.A., Lamar University, 1980. Ph.D., The University of Mississippi, 1991.

**Cargal, James M., 1990.** *Professor*, Montgomery. B.A., San Diego State University, 1973. M.S., Purdue University, 1975. Ph.D., Texas A&M University, 1987.

**Carlson, David R., 2009.** *Assistant Professor*, 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.

**Carns, Michael, 2010.** *Lecturer*, Global Campus. B.S., Kansas State University, 1970. M.A., Southwest Texas State University, 1972. Ph.D., University of North Texas State University, 1979.

**Carter, Min Z., 2011.** *Assistant Professor*, Troy. B.S., Zhejiang University, 1989. M.B.A., Troy State University, 2002. Ph.D., Auburn University, 2009.

**Carter, Robert N., 2009.** *Lecturer*, Phenix City. B.B.A., University of Georgia, 1960. M.B.A., University of Georgia,

1962. Ph.D., University of Florida, 1965.

**Casile, Maureen, 2011.** *Assistant Professor*, Global Campus. B.S.B.A., University of Florida, 1979. M.B.A., University of Pennsylvania, 1984. Ph.D., The University of Texas at Austin, 2001.

**Chadha, Tejpreet, 2013.** *Lecturer*, Troy. B.B., Agra University, University of Delhi, 2000. M.S., Texas Tech University, 2009. Ph.D., Texas Tech University, 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.

**Chelladurai, Packianathan, 2012.** *Distinguished Professor*, Global Campus. B.Com., University of Madras, 1950. D.P.E., University of Madras, 1954. M.A., University of Western Ontario, 1972. Master of Applied Sciences, University of Waterloo, 1976. Ph.D., University of Waterloo, 1979.

**Chen, Xiaofeng, 2014.** *Assistant Professor*, Troy. B.S., Nanjing University, 1985. M.S., University of Nebraska-Lincoln, 1997. Ph.D., University of Nebraska-Lincoln, 2012.

**Cheng, William, 2008.** *Associate Professor*, Global Campus. B.L., National ChengChi University, 1978. M.A., National ChengChi University, 1984. Ph.D., State University of New York, 1990.

**Clark, Eddie, Jr., 2004.** *Associate Professor*, Montgomery. B.A., Faulkner University, 1984. M.S., Troy State University, 1994. Ph.D., Auburn University, 2004.

**Cleveland, Kelli Kervin, 2006.** *Assistant Professor*, Troy. B.S.N., Troy State University, 1996. M.S.N., Troy University, 2006. D.N.P., Troy University, 2011.

**Cochran, Maryjo Adams, 2005.** *Professor*, 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*, Troy. B.A., Rutgers University, 1965. Ph.D., Florida State University, 1970.

**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.

**Colley, Mary Catherine, 2006.** *Associate Professor*, Phenix City. B.A., Auburn University, 1994. M.B.A., Auburn University, 1998. Ph.D., University of Southern Mississippi, 2006.

**Conner, Tonya, 2011.** *Assistant 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.

**Cooper, Stephen, 1985.** *Professor*, Troy. B.A., University of Delaware, 1977. M.A., University of North Carolina at Chapel Hill, 1979. Ph.D., University of North Carolina at Chapel Hill, 1985.

**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,

pi, 1995.

**Creamer, David Andrew, 2001.** *Associate Professor*, Troy. B.A., University of Central Florida, 1972. M.Ed., Wayne State University, 1975. M.A., University of Central Florida, 1980. Ed.D., University of Florida, 1982.

**Crews, E. Mickey, 1986.** *Professor*, Global Campus. B.A., Lee College, 1980. M.A., Auburn University, 1983. Ph.D., Auburn University, 1988.

**Crowley, George R., 2011.** *Assistant Professor*, Troy. B.B.A., Mercer University, 2007. Ph.D., West Virginia University, 2011.

**Curnutt, Kirk L., 1993.** *Professor*, Montgomery. B.A., University of Missouri-Columbia, 1987. M.A., University of Missouri-Columbia, 1989. Ph.D., Louisiana State University, 1993.

**D'Andrea, Nicholas, 1969.** *Professor*, Troy. B.S., Troy State University, 1964. M.A., University of Southern Mississippi, 1968. Ph.D., University of Southern Mississippi, 1970.

**Daniels, Larry, 2012.** *Lecturer*, Global Campus. B.A., University of Central Oklahoma, 1988. M.S., Florida Institute of Technology, 1996. Ph.D., Florida Institute of Technology, 1996.

**Dapper, John W., 1989.** *Professor*, Dothan. B.A., Wartburg College, 1966. M.S., Tennessee Technological University, 1968. Ph.D., University of Southern Mississippi, 1978.

**Das, Sunil R., 2003.** *Professor*, Montgomery. B.Sc., University of Calcutta, India, 1956. M.S., University of Calcutta, India, 1960. Ph.D., University of Calcutta, India, 1965.

**Davis, Cheron Hunter, 2009.** *Assistant Professor*, Phenix City. B.S., Auburn University, 2000. M.Ed., Auburn University, 2002. Ed.S., Troy State University, 2003. Ph.D., Auburn University, 2010.

**Davis, Gregory Douglas, 2008.** *Associate 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, James G., 1985.** *Assistant Professor*, Troy. B.A., University of Alabama, 1978. M.F.A., University of Alabama, 1984.

**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*, Dothan. B.A., Southern Illinois University Edwardsville, 1985. Dr.Rel.Ed., Emmanuel Baptist University, 1996. Ed.D., George Fox University, 2003.

**Dawson, Gregory Alan, 2005.** *Associate Professor*, Global Campus. B.A., Bowling Green State University, 1973. M.A., Wright State University, 1977. Ph.D., The Ohio University, 1982.

**Day, James F., 1987.** *Professor*, 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.

**Diamond, Alvin Roosevelt, 1988.** *Associate 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.

**Dixon, Anthony W., 2010.** *Associate 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, Marlene, 2013.** *Professor*, Global Campus. B.A., Trinity University, 1993. M.Ed., The University of Texas at Austin 1998. Ph.D., The Ohio State University, 2002.

**Dodd, Charod, 2011.** *Assistant Professor*, Troy. B.B.A., Alabama State University, 2003. M.B.A., Troy State University, 2005. Ph.D., Mississippi State University, 2012.

**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.

**Dove, John, 2013.** *Assistant Professor*, Troy. B.A., Hillsdale College, 2005. M.A., Central Michigan University, 2008. Ph.D., West Virginia University, 2012.

**Duan, C. J., 2009.** *Assistant Professor*, Global Campus. Bachelor of Engineering, Tsinghua University, 1991. M.B.A., Morgan State University, 2000. Ph.D., Clemson University, 2007.

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**Duggar, David J., 2010.** *Lecturer*, Global Campus. B.S., Wayland Baptist University, 1996. M.S., Troy State University, 1999. Ed.D., Argosy University, 2007.

**Dunning, Pamela T., 2009.** *Associate Professor*, Global Campus. B.S.O.E., Wayland Baptist University, 1987. M.P.A., Old Dominion University, 1995. Master's of Urban Studies, Old Dominion University, 1999. Ph.D., Old Dominion University, 2006.

**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.

**Elbeck, Matthew A., 1999.** *Professor*, Dothan. B.S., City University London, 1978. M.S., University of Wales, 1980. Ph.D., University of Wales, 1982.

**Eppler, Dianne B., 1998.** *Assistant Professor*, Global Campus. B.S., College of William & Mary, 1971. M.B.A., Old Dominion University, 1988. D.B.A., Old Dominion University, 1995.

**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.

**Everett, Russell, 2006.** *Lecturer*, Troy. B.F.A., Auburn Uni-

versity, 1974. M.F.A., University of Cincinnati, 1977.

**Faircloth, Patrick, 2012.** *Assistant Professor*, Troy. B.A., Oakland University, 2001. M.A., Oakland University, 2005. Ph.D., Oakland University, 2011.

**Farrell, Robin, 2011.** *Assistant Professor*, Montgomery. B.S.N., Auburn University at Montgomery, 1984. M.S.N., The University of Alabama at Birmingham, 1987. D.N.P., The University of Alabama at Birmingham, 2010.

**Feng, Rui, F., 2010.** *Lecturer*, Montgomery. B.A., Harbin Teachers University, 1982. M.A., Harbin Teachers University, 1988. M.Ed., University of Alberta, 1993.

**Fielding, Joseph M., 1998.** *Associate Professor*, Dothan. B.B.A., Pace University, 1951. M.B.A., Baruch College/CUNY, 1963. Ph.D., The American University, London, 1997.

**Figliano, Fred, 2014.** *Assistant Professor*, Troy. B.S., The College of New Jersey, 2006. M.A., Virginia Tech, 2007. Ph.D., Virginia Tech, 2011.

**Findley, Henry M., 1992.** *Associate Dean for Administration*, Sorrell College of Business; *Professor*, Troy. B.A., Auburn University, 1976. M.B.A., Auburn University, 1980. Ph.D., Auburn University, 1995.

**Fitch, Tregon, 2010.** *Associate Professor*, Global Campus. B.S., Troy State University, 1992. M.Ed., Auburn University, 1995. Ed.D., Texas A&M University, 1998.

**Fogelberg, Lawrence M., 1999.** *Assistant Professor*, Troy. B.B.A., Cleveland State University, 1974. Ph.D., University of Alabama, 1996.

**Forehand, Wade, 2012.** *Assistant Professor*, Troy. B.S.N., Troy State University, 2005. M.S.N., Troy University, 2008. D.N.P., The University of Alabama, 2013.

**Foster, Linda, 2012.** *Assistant Professor*, Montgomery. Bachelor of General Studies, Samford University, 1994. M.A.C.N., University of Alabama at Birmingham, 1997. Ed.S., University of Alabama at Birmingham, 1999. Ph.D., Mississippi State University, 2003.

**Fox, William Kenneth, 2009.** *Associate Professor*, Montgomery. B.S., Auburn University, 1986. Master of Aquaculture, Auburn University, 1992. M.B.A., Auburn University, 1992. Ph.D., University of Alabama, 2006.

**Franks, Carol Jean, 1982.** *Associate Professor*, Troy. B.M., University Illinois at Urbana-Champaign, 1980. M.M., Duquesne University, 1982.

**Fretwell, Cherie E., 1986.** *Assistant Dean for Administration*, Sorrell College of Business; *Professor*, Phenix City. B.S.E., Auburn University, 1979. M.Ed., Auburn University, 1981. Ph.D., University of Southern Mississippi, 1989.

**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.

**Gaillard, Franklin D., 2010.** *Lecturer*, Global Campus.

B.S., Howard University, 1968. M.S., The American University, 1973. M.B.A., Old Dominion University, 1994. Ph.D., Old Dominion University, 2001.

**Gaines, Cleophus, Jr., 2007.** *Lecturer*, Montgomery. B.A., Jackson State University, 1997. M.A., Jackson State University, 1999. L.L.M., Georgetown University, 2002. J.D., University of Alabama, 2001.

**Gallahan, Carla, 2005.** *Associate Professor*, Troy. B.S., Auburn University, 1987. M.Ed., Auburn University, 1991. Ph.D., Auburn University, 2010.

**Gast, Tabitha, 2014.** *Assistant Professor*, Global Campus. B.S.E., Henderson State University, 2002. M.S., Henderson State University, 2004. Ph.D., University of Central Florida, 2010.

**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.

**Giunta, Stephen, 2010.** *Assistant Professor*, Global Campus. B.A., University of West Georgia, 1993. M.A., University of West Georgia, 1994. Ph.D., University of Florida, 2002.

**Glover, Albert D, 1984.** *Assistant Professor*, Troy. B.A., Southwest Baptist College, 1973. M.Div., Midwestern Baptist Theological Seminary, 1977. M.A., Southwest Missouri State University, 1985. Ph.D., Florida State University, 2003.

**Gnoinska, Margaret, 2010.** *Assistant Professor*, Troy. B.A., Middlebury College, 1994. M.A., The George Washington University, 2002. Ph.D., The George Washington University, 2010.

**Gompa, Vijaya, L., 2010.** *Professor*, Dothan. B.S., Andhra University, 1980. M.S., Andhra University, 1983. M.A., University of Toledo, 1986. Ph.D., University of Toledo, 1992.

**Gossett, Dianne D., 1993.** *Associate Dean*, College of Education; *Professor*, Troy. B.S., Judson College, 1974. M.S., Jacksonville State University, 1979. Ed.D., University of Alabama, 1992.

**Grantham, Billy J., 1994.** *Associate Dean for Administration*, College of Arts & Sciences; *Professor*, Troy. B.A., University of Alabama at Birmingham, 1988. M.A., University of Alabama, 1992. Ph.D., Northwestern University, 1996.

**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.** *Associate Professor*, Troy. B.S., Troy State University, 2000. M.S., Troy State University, 2002. Ph.D., Georgia State University, 2008.

**Grice, John Stephen, 2012.** *Professor*, Troy. B.S., Troy State University, 1989. Master of Accountancy, The University of Alabama, 1994. Ph.D., The University of Alabama, 1997.

**Grilliot, Matthew E., 2007.** *Assistant Professor*, Montgom-

ery. B.S., Auburn University, 1998. Ph.D., Auburn University, 2007.

**Hadwiger, Joy, 2009.** *Assistant Professor*, Global Campus. B.A., Central State College, 1972. M.S., Oklahoma State University, 1976. Ph.D., Oklahoma State University, 2008.

**Hamilton, Bernita Knight, 2000.** *Professor*, Troy. B.S.N., University of Alabama at Birmingham, 1976. M.S.N., University of Alabama at Birmingham, 1979. Ph.D., Medical College of Georgia, 1997.

**Hammonds, Joel Frank, 2002.** *Associate Professor*, Troy. B.A., Auburn University, 1992. M.S., Auburn University, 1999. Ph.D., Auburn University, 2002.

**Hannay, Maureen D., 1998.** *Professor*, Global Campus. B.A., University of British Columbia, 1986. M.S., University of Toronto, 1988. Ph.D., University of Toronto, 1993.

**Harden, Siegfried B., 2006.** *Assistant Professor*, Montgomery. B.S., The University of Alabama, 1992. M.P.H., The University of Alabama at Birmingham, 1993. Master of Aquaculture, Auburn University, 1999. Ph.D., Auburn University, 2003.

**Harrington, Jonathan Henry, 2000.** *Professor*, Troy. B.A., Grinnell College, 1986. M.A., University of Hawaii at Manoa, 1990. Ph.D., Loyola University, 2000.

**Hayden, Susan, 2013.** *Associate Professor*, Dothan. B.S., University of Maine, 1980. B.S.N., Auburn University at Montgomery, 1988. M.S.N., Troy State University, 1995. Ph.D., Loyola University Chicago, 2007.

**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.

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- Bankester, Merrill R., 1979.** *Dean Emeritus, Hall School of Journalism*, Troy. B.A., University of Alabama, 1959. M.A., University of Alabama, 1968.
- Barnett, Edward Franklin, 1959.** *Professor Emeritus of Mathematics*, Troy. B.S., Troy State University, 1957. M.S., Auburn University, 1959. Ph.D., University of Alabama, 1968.
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