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.

<table>
<thead>
<tr>
<th>Degree Program</th>
<th>Troy Campus</th>
<th>Phenix City Campus</th>
<th>Dothan Campus</th>
<th>Montgomery Campus</th>
<th>Global Campus*</th>
<th>Troy Online</th>
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<tr>
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<td>Certificate in Government Contracting</td>
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<td>X</td>
</tr>
</tbody>
</table>

* Please refer to [http://admissions.troy.edu](http://admissions.troy.edu) for specific program availability by location

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

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

**Mission**

The 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), GMAT or MCAT, PCAT, OAT, DAT or equivalent.
4. Two letters of recommendation from professors, physicians, or other appropriate professionals that address the applicant’s potential for success in a graduate program; and
5. A 500-word personal statement that addresses the applicant’s professional goals, readiness for graduate school, and potential for completing the 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 (recommended: 487), DAT (recommended: 16) or equivalent professional exam, then this may be substituted for the GRE.

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to a graduate program. See conditional admission requirements in the general regulations section of this Catalog.

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. Completion of the curriculum listed below. A grade of “B” or better is required for BIO 6691 (3) Research Methodology and Experimental Design. If the student makes a “D” or “F” in an elective course, the course may be retaken or another elective taken in its place
5. For Non-Thesis Option, successful completion of all components of the comprehensive examination
6. Students should regularly meet with their academic advisor for scheduling and approval of courses

Curriculum (30-31 sh)

The Master of Sciences in Biomedical Sciences is a 30-31 hour non-thesis or thesis-option degree.

* The University requires that 6000-level courses make up at least 50% of the 30-31 semester hours.
* Courses with separate lectures and labs must be taken together.
* Please note that 5000-level courses cannot duplicate 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.
* BIO 6691 (3) Research Methodology and Experimental Design requires a grade of “B” or better.

* Under the guidance of the student’s advisor and the Chair of the Department, the student may pursue original research (independent acquisition and interpretation of data) in a particular area of the biomedical sciences. The completion of a thesis is required.

Required Core Courses (18 sh)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 6615</td>
<td>3</td>
<td>Medical Microbiology and Immunology</td>
</tr>
<tr>
<td>BMS 6620</td>
<td>3</td>
<td>Neuroscience</td>
</tr>
<tr>
<td>BMS 6625</td>
<td>3</td>
<td>Medical Cell Biology</td>
</tr>
<tr>
<td>BMS 6635</td>
<td>3</td>
<td>Medical Physiology</td>
</tr>
<tr>
<td>BMS 6655</td>
<td>3</td>
<td>Clinical Biochemistry</td>
</tr>
<tr>
<td>BIO 6691</td>
<td>3</td>
<td>Research Methodology and Experimental Design</td>
</tr>
</tbody>
</table>

In addition to these Required Core Classes, students must take additional classes to complete the graduation requirement of 30-31 semester hours.

Elective courses Non-Thesis Option (12-13 sh)

Courses with separate lectures and labs must be taken together.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 5516</td>
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<td>Microbial Ecology</td>
</tr>
<tr>
<td>BIO L516</td>
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<td>Microbial Ecology Lab</td>
</tr>
<tr>
<td>BIO 5530</td>
<td>3</td>
<td>Applied Genetics</td>
</tr>
<tr>
<td>BIO L530</td>
<td>1</td>
<td>Applied Genetics Lab</td>
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<tr>
<td>BIO 5551</td>
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<td>Toxicology</td>
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<tr>
<td>BIO L551</td>
<td>1</td>
<td>Toxicology Lab</td>
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<tr>
<td>BIO 5771</td>
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<td>Parasitology</td>
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<td>BIO L571</td>
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<tr>
<td>BIO 5576</td>
<td>1-4</td>
<td>Special Topics</td>
</tr>
<tr>
<td>BIO 5580</td>
<td>3</td>
<td>Histology</td>
</tr>
<tr>
<td>BIO L580</td>
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<td>Histology Lab</td>
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<td>BIO 5592</td>
<td>1-4</td>
<td>Guided Independent Research</td>
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<tr>
<td>BIO 5594</td>
<td>1-4</td>
<td>Guided Independent Study</td>
</tr>
<tr>
<td>BIO 6601</td>
<td>3</td>
<td>Environmental and Biological Ethics</td>
</tr>
<tr>
<td>BIO 6621</td>
<td>3</td>
<td>Environmental Toxicology</td>
</tr>
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<td>BIO 6624</td>
<td>3</td>
<td>Public Health</td>
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<td>BIO 6625</td>
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<td>Specialized Study in Biology</td>
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<td>BIO 6626</td>
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<td>BIO 6670</td>
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<td>Special Topics</td>
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<td>BIO 6671</td>
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</table>
BMS 6630  3  Medical Pharmacology
BMS 6665  3  Neuroanatomy
BMS 6666  3  Histology and Embryology
BMS L660  1  Histology and Embryology Lab
SOC 5555  3  Death and Dying
OR
SOC 5560  3  Sociology of Health, Medicine, & Illness

Or select one (1) of the following:
PA  6675  3  Public Health Services Administration and Policy
PA  6676  3  Legal and Social Issues in Public Health Administration
PA  6677  3  Public Health Preparedness and Emergency Response
PA  6678  3  Introduction to Public Health

Comprehensive Examination
After the completion of all core course, Non-Thesis Option students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee. Comprehensive exams will be taken as scheduled by the University and/or Department.

Thesis Option: (30 sh)
Required Core Courses  18 sh
Thesis Hours  6 sh
Advisor-approved Electives  6-7 sh
Total  30-31

GRADUATE CERTIFICATE IN BIOMEDICAL SCIENCES (BMS)

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

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.

Certificate Requirements
Students admitted to 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 18-19 semester hours of coursework as described below:

Required Courses (15 sh)
BMS 6615  3  Medical Microbiology and Immunology
BMS 6620  3  Neuroscience
BMS 6625  3  Medical Cell Biology
BMS 6635  3  Medical Physiology
BMS 6655  3  Clinical Biochemistry

Select one course (with corresponding lab, if applicable) from the following:
BMS 6630  3  Medical Pharmacology

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

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

The Master of Science degree in Computer Science prepares students for a professional career in the computer science industry, IT industry, or computer science research. Typical graduates of the program may be employed as software developers, network engineers, database administrators, or further pursue a 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:

1. 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.
2. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
3. A student with a bachelor’s degree outside the field of CS may satisfy the bachelor’s degree requirement by completing ALL of the following courses or their equivalent:
   MTH 2215 – Applied Discrete Mathematics
   CS 2250 – Computer Science I and CS 2255 – Computer Science II
   or
   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.

Curriculum

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

Computer Network and Security Concentration
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
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

**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 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.

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 various criminological theories; and (e) demonstrate an ability to appropriately apply various research designs and methodologies in criminal justice situations. Specific institutional objectives of the program are as follows:

1. to prepare students to fulfill a need in American society for professional law enforcement personnel and competent criminal justice administrators by providing educational programs that develop each student’s problem solving skills in ways that prepare the student to address the issues that arise in the dynamic and evolving criminal justice field;
2. to develop each student’s ability to synthesize and apply knowledge of the critical theories and concepts in the field of criminal justice in his/her problem solving analysis;
3. to develop each student’s ability to identify and develop alternative solutions to problems that confront the modern criminal justice system based on his/her knowledge of current theories and concepts;
4. to develop each student’s ability to evaluate and appropriately choose solutions to problems that confront the criminal justice system;
5. to develop each student’s ability to effectively communicate the results of his/her analysis;
6. to provide students who seek administrative and managerial positions in the field of criminal justice with the credentials to qualify for those positions;
7. to provide an appropriate program of graduate study for students who are interested in research in the field of criminal justice and in advanced graduate study.

**Prerequisite Requirements**

The minimum requirement for admission to the Master of Science program in Criminal Justice is a baccalaureate degree from a regionally accredited four-year institution. Students who desire to enter this program but do not have a degree in criminal justice, police administration, law enforcement, or corrections may be required to meet other criteria such as additional coursework regarding undergraduate or professional preparation. Significant professional experience may be considered. However, admission to the program does not imply official admission for the degree.
Admission Requirements For Master of Science in Criminal Justice

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
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 290 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 330].

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.

Accelerated BS/MSJC Admission
Certain qualified honors students who successfully complete the Troy BS/MS in Criminal Justice Accelerated Honors Option will be allowed to transfer up to 9 hours of Master of Science in Criminal Justice graduate credit earned during their last year of undergraduate studies to the Graduate MS in Criminal Justice Program. Refer to the most recently published Undergraduate Catalog for more information about admission to the BS/MSJC Accelerated Honors Option.

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. Six of the first nine hours 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. Students may select the Security Studies Concentration. All courses offer three semester hours of credit.

All courses offer three semester hours credit.

Required Courses (Non-Thesis Option):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 6610</td>
<td>Principles of Administration</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6620</td>
<td>Current Trends in Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6622</td>
<td>Seminar in the Administration of Justice</td>
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</tr>
<tr>
<td>CJ 6636</td>
<td>Criminological Theory</td>
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</tr>
<tr>
<td>CJ 6650</td>
<td>Survey of Research Methods in Criminal Justice</td>
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<tr>
<td>CJ 6690</td>
<td>Capstone for Criminal Justice</td>
<td>3</td>
</tr>
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</table>

Non-Thesis Option (30 semester hours)

Non Thesis Option Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td>18 Semester Hours</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>12 Semester Hours</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>30 sh</td>
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</tr>
</tbody>
</table>

Electives Non-Thesis Option (for those not enrolled in the Security Studies Concentration: 12sh)
Select any 4 courses from the following graduate courses and/or advisor approved electives.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 6621</td>
<td>Current Issues in Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6624</td>
<td>Court Administration</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6625</td>
<td>Specialized Study</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6630</td>
<td>Juvenile Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6635</td>
<td>Community-Based Corrections/Correctional Systems</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6638</td>
<td>Seminar in Civil Liberties Related to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6640</td>
<td>Seminar in Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6644</td>
<td>Administrative Law</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6645</td>
<td>Ethics in Criminal Justice Organizations</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6649</td>
<td>Statistics for Criminal Justice Research</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6652</td>
<td>Seminar in Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6655</td>
<td>Selected Topics in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6660</td>
<td>Advanced Readings in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6671</td>
<td>Organizational Theory</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6692</td>
<td>Agency Experience</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6693</td>
<td>Masters Project</td>
<td>3</td>
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Electives Non-Thesis Option (Security Studies Concentration: 12sh)
Select any 4 courses from the following graduate courses and/or advisor approved electives.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 6639</td>
<td>Seminar in Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6643</td>
<td>Transportation and Boarder Security</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6642</td>
<td>Cyber and Information Threat Management</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6653</td>
<td>Seminar in Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6656</td>
<td>Selected Topics in Security</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6665</td>
<td>Emergency and Crisis Management</td>
<td>3</td>
</tr>
<tr>
<td>CJ 6667</td>
<td>Intelligence Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>
The Program objectives are listed below:

1. To demonstrate the pivotal role of the environmental and biological sciences in understanding and addressing environmental, ecological, medical, agricultural, and policy-related issues;
2. To promote the professional development of students for entry and advancement in the private and public sectors as scientists, educators, administrators, or managers;
3. To provide students with the necessary skills for performing research, reviewing and evaluating regulatory guidelines, and writing professional documents;
4. To foster an understanding and appreciation of the role of values and ethics in research, management, and institutional performance;
5. To strengthen the academic foundations of students seeking entry into professional schools and into doctoral programs at graduate schools; and
6. To provide teachers with opportunities for advancement and to broaden and update their knowledge in order to enrich the classroom experience of their students.

Prerequisite Requirements

Candidates for admission must have a baccalaureate degree, preferably in a 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 chemistry, and statistics
3. Have an acceptable score on the appropriate entrance exam (GRE 290 (850 on the old exam) (verbal plus quantitative]).

Conditional Admission

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to the graduate program. See Conditional Admission requirements in the general regulations section of this catalog. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

Students 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-threshold students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

Degree Requirements

1. Unconditional Admission
2. Completion of curriculum listed below. If the student makes a "D" or "F" in a core course, the course must be retaken. If the student makes a "D" or "F" in an elective course, the course may either be retaken or another elective taken in its place.
3. Successful completion of EBS 6691 with a "B" or better
4. 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) 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 thesis option or 36 hour non-thesis option.

**BIOLOGICAL SCIENCES CONCENTRATION**

**Required Core Courses (9 sh)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 6601</td>
<td>Environmental and Biological Ethics</td>
<td>3</td>
</tr>
<tr>
<td>BIO 6624</td>
<td>Public Health</td>
<td>3</td>
</tr>
<tr>
<td>BIO 6691</td>
<td>Research Methodology and Experimental Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one option below:

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

**Select Advisor-approved course electives (27 sh)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 5513</td>
<td>Limnology</td>
<td>3</td>
</tr>
<tr>
<td>BIO L513</td>
<td>Limnology Lab</td>
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</tr>
<tr>
<td>BIO 5514</td>
<td>Food Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIO L514</td>
<td>Food Microbiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 5516</td>
<td>Microbial Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIO L516</td>
<td>Microbial Ecology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 5520</td>
<td>Field Vertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 5521</td>
<td>Population Ecology</td>
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<td>BIO L521</td>
<td>Population Ecology Lab</td>
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<td>BIO 5525</td>
<td>Field Botany</td>
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<td>BIO 5550</td>
<td>Environmental History</td>
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<tr>
<td>BIO 5551</td>
<td>Toxicology</td>
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<td>BIO L551</td>
<td>Toxicology Lab</td>
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<td>BIO 5771</td>
<td>Parasitology</td>
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<td>BIO L571</td>
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<td>BIO 5576</td>
<td>Special Topics</td>
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<tr>
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<td>Histology</td>
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<td>BIO L580</td>
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<tr>
<td>BIO 5582</td>
<td>Molecular Biology</td>
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<tr>
<td>BIO L582</td>
<td>Molecular Biology Lab</td>
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</tr>
<tr>
<td>BIO 6621</td>
<td>Environmental Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 6630</td>
<td>Pollution Science</td>
<td>3</td>
</tr>
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<td>BIO 6655</td>
<td>Clinical Biochemistry</td>
<td>3</td>
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<tr>
<td>BIO 6660</td>
<td>Issues in Aquatic Ecology</td>
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<td>BIO 6661</td>
<td>Conservation Biology</td>
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<td>BIO 6665</td>
<td>Sustainable Development</td>
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<td>BMS 6620</td>
<td>Neuroscience</td>
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</tr>
<tr>
<td>BMS 6625</td>
<td>Medical Cell Biology</td>
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</tbody>
</table>

**Thesis Option: (30 sh minimum)**

**The Thesis Option includes:**

- Required Core Classes 9 sh
- Thesis hours 6 sh
- Advisor-approved electives 15 sh

**Total** 30 sh

**Required courses : (6 sh)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>BIO 6695</td>
<td>Thesis Research</td>
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</table>

**Select Advisor-approved course electives (15 sh).**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
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<tr>
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<td>BIO L516</td>
<td>Microbial Ecology Lab</td>
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<tr>
<td>BIO 5520</td>
<td>Field Vertebrate Zoology</td>
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<td>BIO 5521</td>
<td>Population Ecology</td>
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<td>BIO L521</td>
<td>Population Ecology Lab</td>
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</tr>
<tr>
<td>BIO 5525</td>
<td>Field Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIO 5550</td>
<td>Environmental History</td>
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<tr>
<td>BIO 5551</td>
<td>Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>BIO L551</td>
<td>Toxicology Lab</td>
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</tr>
<tr>
<td>BIO 5771</td>
<td>Parasitology</td>
<td>3</td>
</tr>
<tr>
<td>BIO L571</td>
<td>Parasitology Lab</td>
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</tr>
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<td>Special Topics</td>
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<td>BIO 5579</td>
<td>Environmental Assessment</td>
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<tr>
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<td>BIO 5580</td>
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</tr>
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<td>BIO 5582</td>
<td>Molecular Biology</td>
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<td>BIO 6661</td>
<td>Conservation Biology</td>
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</tr>
<tr>
<td>BIO 6665</td>
<td>Sustainable Development</td>
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<td>BMS 6620</td>
<td>Neuroscience</td>
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<td>BMS 6625</td>
<td>Medical Cell Biology</td>
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</tr>
<tr>
<td>BMS 6630</td>
<td>Medical Pharmacology</td>
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<td>BMS 6635</td>
<td>Medical Pharmacology</td>
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</tr>
<tr>
<td>BMS 6655</td>
<td>Neuroanatomy</td>
<td>4</td>
</tr>
<tr>
<td>BMS 6660</td>
<td>Histology and Embryology</td>
<td>3</td>
</tr>
<tr>
<td>BMS L660</td>
<td>Histology and Embryology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>
ENVIROMENTAL 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 6630 3 Pollution Science
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

Or select from the following (no more than 3 courses from this group will be accepted):

IR 6650 3 Environmental Security, Conflict, and Development
PA 6622 3 Public Policy
PA 6645 3 Managing Government Contracts
PA 6630 3 Strategic Planning
PA 6631 3 Program Evaluation

ENVIROMENTAL 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

Select one option below:

Non-Thesis Option: (27 sh)

Select a minimum of 3 courses from the following (9 sh)

EBS 6621 3 Environmental Toxicology
EBS 6630 3 Pollution Science
EBS 6660 3 Issues in Aquatic Ecology
EBS 6661 3 Conservation Biology
EBS 6665 3 Sustainable Development

Select Adviser Approved Electives (18 sh)

EBS 5513 3 Limnology
EBS L513 1 Limnology Lab
EBS 5520 4 Field Vertebrate Zoology
EBS 5521 3 Population Ecology
EBS L521 1 Population Ecology Lab
EBS 5525 3 Field Botany

Comprehensive Examination

After the completion of all core courses in the non-thesis option, students must successfully complete a comprehensive examination. The comprehensive exam is given in the semester or term prior to graduation. Students should work closely with their advisor to prepare for their comprehensive exams, which will be prepared, administered, and evaluated by the graduate committee.
MASTER OF ARTS IN HISTORY

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

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 degree for those students interested in furthering their knowledge of history, but not in continuing graduate education beyond the masters degree. 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

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" 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. If classes are retaken, both grades will count toward the student’s overall grade point average.

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 written comprehensive exams in two field as well as complete all other requirements listed.

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
The MA history curriculum is divided into two types of courses. Students must take some of each type as they move toward their degree. Historiography Courses (5000-level courses or 6000-with “Historiography” in the title) cover the historical theory and literature of a specific topic. Research Courses (6000-level courses with “Seminar” in the title) provide an opportunity for students to complete original, primary-source based research in a specific area or topic of history, while solidifying knowledge of subject matter and historiography. Both types of classes include significant amounts of reading and writing.

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)

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 15 sh
(at least 2 Research/Seminar)
2 courses - Secondary Field 6 sh
(at least 1 Research/Seminar)
Thesis 6 sh
TOTAL 36 sh

Language Requirements

All thesis track students must successfully complete a proctored reading proficiency/translation exam in an approved foreign language. 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.

This exam must be completed and passed prior to the completion of the first 18 semester hours of the program. 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. Online students may not register for more than 3 thesis credit hours in one term. (Exceptions to this may only be granted by the Chair of the Department). 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 the 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 if in extreme circumstances, be conducted via electronic conferencing systems. Students should consult the Thesis Guidelines for additional information. Students who enroll in these hours and do not complete their thesis must reenroll in at least one hour per semester until graduation.

The Thesis Track is available to all History MA students, including online students.

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 written, proctored comprehensive examination in their secondary field. Students should work closely with their advisor to prepare for their comprehensive exam, which will be evaluated by at least two members of the graduate faculty. 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. 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 15 sh
  - (at least 2 Research/Seminar)
- 3 courses - Secondary Field 9 sh
  - (at least 1 Research/Seminar)
- 1 course - Elective 3 sh
  - (6000 level)

**TOTAL** 36 sh

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 written, proctored comprehensive examinations in both their primary field (2 questions) and secondary field (1 question). Students should work closely from the beginning of their programs with their advisor to prepare for their comprehensive exam, which will be evaluated by at least two members of the graduate faculty. 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 Historiography of Military History of the United States
- HIS 5505 3 Historiography of Old South
- HIS 5506 3 Historiography of New South
- HIS 5511 3 Historiography of Colonial America
- HIS 5512 3 Historiography of The American Revolution and the New Nation
- HIS 5513 3 Historiography of Sectionalism, Civil War, and Reconstruction
- HIS 5514 3 Historiography of Gilded Age and Progressive Era
- HIS 5515 3 Historiography of Contemporary America
- HIS 5517 3 Historiography of Jacksonian America
- HIS 5520 3 Historiography of The Vietnam War
- HIS 5521 3 Historiography of African American History
- HIS 5522 3 Historiography of African American Gender
- HIS 5530 3 Historiography of Civil Rights Movement
- HIS 5523 3 Historiography of US Diplomatic History
- HIS 5537 3 Historiography of Interwar and World War II America
- HIS 5540 3 Historiography of American Minorities
- HIS 5541 3 Historiography of American Constitutional Development
- HIS 5548 3 Historiography of The West in American History
- HIS 5550 3 Historiography of Environmental History of the U.S.
- HIS 5595 3 Historiography of Selected Topics in History

**European History Classes**

- HIS 5501 3 Historiography of French Revolution and Napoleon
- HIS 5502 3 Historiography of Europe from 1815-1900
- HIS 5503 3 Historiography of Contemporary Europe
- HIS 5509 3 Historiography of England to 1688
- HIS 5510 3 Historiography of England Since 1688
- HIS 5533 3 Historiography of Modern Russia
- HIS 5538 3 Historiography of The Cold War
- HIS 5542 3 Historiography of Renaissance and Reformation
- HIS 5543 3 Historiography of Age of Absolutism
- HIS 5544 3 Historiography of Enlightenment Europe
- HIS 5545 3 Historiography of Modern Germany
- HIS 5553 3 Historiography of Late Antiquity
- HIS 5564 3 Historiography of The Crusades
- HIS 5567 3 Historiography of Medieval Europe
- HIS 5574 3 Historiography of Modern Eastern Europe
Elective Classes
HIS 6651-52 3 Thematic Historiography
HIS 6670 3 Historiography of the History of the Middle East
HIS 6671 3 Historiography of Modern East Asia
HIS 6672 3 Historiography of the History of Africa
HIS 6673 3 Historiography of Colonial Latin America
HIS 6674 3 Historiography of Modern Latin America
HIS 6675 3 Historiography of the History of Mexico
HIS 6676 3 Historiography of the ABC Powers
HIS 6677 3 Historiography of the History of the Caribbean
HIS 6678 3 Historiography of Women, Health, and History
HIS 6679 3 Historiography of Infectious Disease and History

HIS 6695 3 Historiography of Modern Latin America
HIS 6675 3 Historiography of the History of Mexico
HIS 6676 3 Historiography of the ABC Powers
HIS 6677 3 Historiography of the History of the Caribbean
HIS 6678 3 Historiography of Women, Health, and History
HIS 6679 3 Historiography of Infectious Disease and History
HIS 6680 3 Teaching College History
HIS 6696-97 3 Seminar in Selected Topics in History

Research/Seminar Classes

American History
HIS 6600 3 Seminar in 19th Century American History
HIS 6602 3 Seminar in 20th Century American History
HIS 6603 3 Seminar in 18th Century American History
HIS 6640 3 Seminar in 17th Century American 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
HIS 6653 3 Seminar in Gender History

European History
HIS 6604 3 Seminar in Modern France
HIS 6610 3 Seminar in Comparative Revolutions
HIS 6611 3 Seminar in 19th Century Europe
HIS 6612 3 Seminar in 20th Century Europe
HIS 6613 3 Seminar in British History
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

Thesis Hours
HIS 6695 1-6 Thesis

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 6670 3 Historiography of the History of the Middle East
HIS 6671 3 Historiography of Modern East Asia
HIS 6672 3 Historiography of the History of Africa
HIS 6673 3 Historiography of Colonial Latin America

MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

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

World politics have undergone a profound alteration over the past two decades. The collapse of the former Soviet Union, the evolution of the European Union, events in the Greater Middle East, the rising power of China as well as other developing countries, the influence of non-state actors such as terrorist groups and NGOs, plus concerns about national and global economic issues demonstrate a paradigm shift in international affairs. The Cold War, which dominated global events for nearly five decades, is over, yet what will replace the norms and institutions of that era is not clear. What is apparent, however, is that the world community is increasingly interdependent, that traditional identities and values are being reexamined, and that new challenges are likely to emerge.

The Master of Science in International Relations (MSIR) degree program is a 12-course, 36-credit-hour curriculum of study designed to provide students with the foundation and knowledge needed to understand the context and conduct of international relations. Students are encouraged to gain a wide-ranging appreciation of the political, historical, cultural, economic, and geographical factors that affect international relations. This appreciation is accomplished through a program of instruction focused on international relations theory and its application but drawing from disciplines such as history, economics, and geography. Students also acquire methodological and analytical skills that improve their understanding and ability to evaluate national and global developments.

The program offers courses covering history, regional studies, comparative government, foreign policy, the global economy, geography, conflict management, national security, global climate change, international organization, international law, intercultural relations, and the politics of developing countries.

Prerequisite Requirements

Candidates for admission must have a baccalaureate degree in any subject area from a regionally accredited college or university. There are no prerequisite course requirements.

Students with undergraduate degrees in areas not included in the curriculum are encouraged to inquire about the program.

Graduates of the Master of Science in International Relations program include individuals with undergraduate degrees in the social sciences as well as in such areas as English, foreign language, engineering, chemistry, mathematics, psychology, education, and business administration.

Admission Requirements for the Master of Science in International Relations Degree

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.

Accelerated BS/MSIR Admission

Certain qualified honors students who successfully complete the Troy Political Science International Relations Concentration-Accelerated Honors Option will be allowed to transfer up to 9 hours of MSIR graduate credit earned during their last year of undergraduate studies to the Graduate MSIR Program. Refer to the most recently published Undergraduate Catalog for more information about admission to the BS/ MSIR Accelerated Honors Option.

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 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 Troy Online 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

Non-Thesis Option

Core Courses 12
Concentration Courses 24

Thesis Option

Core Courses 12
Concentration Courses 18
Thesis Hours 6

TOTAL 36

Required Core Courses (12 SH)

All MSIR students must take the following four courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR 5551</td>
<td>3</td>
<td>Survey of International Relations</td>
</tr>
<tr>
<td>IR 6601</td>
<td>3</td>
<td>Research Methods in International Relations</td>
</tr>
<tr>
<td>IR 6620</td>
<td>3</td>
<td>International Political Economy</td>
</tr>
<tr>
<td>IR 6652</td>
<td>3</td>
<td>Theory and Ideology of International Relations</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 5503</td>
<td>3</td>
<td>Contemporary Europe</td>
</tr>
<tr>
<td>HIS 5504</td>
<td>3</td>
<td>Military History of the United States</td>
</tr>
<tr>
<td>IR 5502</td>
<td>3</td>
<td>International Political Geography</td>
</tr>
<tr>
<td>IR 5524</td>
<td>3</td>
<td>Contemporary American Foreign Policy</td>
</tr>
<tr>
<td>IR 5533</td>
<td>3</td>
<td>Comparative Government</td>
</tr>
<tr>
<td>IR 5540</td>
<td>3</td>
<td>Conflict Processes</td>
</tr>
<tr>
<td>IR 5541</td>
<td>3</td>
<td>Middle Eastern Security</td>
</tr>
<tr>
<td>IR 5542</td>
<td>3</td>
<td>Diplomacy</td>
</tr>
<tr>
<td>IR 5543</td>
<td>3</td>
<td>Middle Eastern Political Economy</td>
</tr>
<tr>
<td>IR 5544</td>
<td>3</td>
<td>European Political Economy and the European Union</td>
</tr>
<tr>
<td>IR 5552</td>
<td>3</td>
<td>International Law</td>
</tr>
<tr>
<td>IR 6600</td>
<td>3</td>
<td>Selected Topics in International Relations</td>
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<tr>
<td>IR 6602</td>
<td>3</td>
<td>Geostategic Studies</td>
</tr>
<tr>
<td>IR 6610</td>
<td>3</td>
<td>International Organizations</td>
</tr>
<tr>
<td>IR 6612</td>
<td>3</td>
<td>Comparative Public Policy</td>
</tr>
<tr>
<td>IR 6616</td>
<td>3</td>
<td>East Asian Security</td>
</tr>
<tr>
<td>IR 6621</td>
<td>3</td>
<td>East Asian Political Economy</td>
</tr>
<tr>
<td>IR 6622</td>
<td>3</td>
<td>European Security</td>
</tr>
<tr>
<td>IR 6623</td>
<td>3</td>
<td>Arab-Israeli Conflict</td>
</tr>
<tr>
<td>IR 6624</td>
<td>3</td>
<td>Geopolitics of Eurasia</td>
</tr>
<tr>
<td>IR 6625</td>
<td>3</td>
<td>Specialized Study in International Relations</td>
</tr>
<tr>
<td>IR 6626</td>
<td>3</td>
<td>Intercultural Relations</td>
</tr>
<tr>
<td>IR 6634</td>
<td>3</td>
<td>Tradition, Revolution, and Change</td>
</tr>
<tr>
<td>IR 6635</td>
<td>3</td>
<td>National Security Policy</td>
</tr>
<tr>
<td>IR 6640</td>
<td>3</td>
<td>Government and Politics of Developing Nations</td>
</tr>
<tr>
<td>IR 6641</td>
<td>3</td>
<td>Comparative Politics of Latin America</td>
</tr>
<tr>
<td>IR 6642</td>
<td>3</td>
<td>Comparative Politics of Russia and Eastern Europe</td>
</tr>
<tr>
<td>IR 6644</td>
<td>3</td>
<td>Comparative Politics of the Middle East</td>
</tr>
<tr>
<td>IR 6645</td>
<td>3</td>
<td>Comparative Politics of East Asia</td>
</tr>
<tr>
<td>IR 6646</td>
<td>3</td>
<td>Comparative Politics of South Asia</td>
</tr>
<tr>
<td>IR 6647</td>
<td>3</td>
<td>Comparative Politics of Western Europe</td>
</tr>
<tr>
<td>IR 6648</td>
<td>3</td>
<td>Comparative Politics of Sub-Saharan Africa</td>
</tr>
<tr>
<td>IR 6650</td>
<td>3</td>
<td>Environmental Security, Conflict, and Development</td>
</tr>
</tbody>
</table>
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 6681 3 Tribalism and Colonialism in Africa
IR 6685 3 Terrorism and Political Violence
IR 6686 3 Latin American Security
IR 6687 3 Latin American Political Economy
IR 6688 3 Political Islam
PA 6610 3 Foundations of Public Administration
PA 6622 3 Public Policy

NATIONAL SECURITY AFFAIRS CONCENTRATION
(24 SH)

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

HIS 5504 3 Contemporary History of the United States
IR 5524 3 Contemporary American Foreign Policy
IR 5540 3 Conflict Processes
IR 5541 3 Middle Eastern Security
IR 5552 3 International Law
IR 6600 3 Selected Topics in International Relations
IR 6602 3 Geopolitical Studies
IR 6616 3 East Asian Security
IR 6622 3 European Security
IR 6623 3 Arab-Israeli Conflict
IR 6624 3 Geopolitics of Eurasia
IR 6635 3 National Security Policy
IR 6650 3 Environmental Security, Conflict, and Development
IR 6655 3 International Conflict Management
IR 6656 3 International Power and Influence
IR 6660 3 Military Strategy and International Relations
IR 6685 3 Terrorism and Political Violence
IR 6686 3 Latin American Security

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 9 hours from the following courses: (9sh)

IR 5502 3 International Political Geography
IR 5533 3 Comparative Government
IR 5542 3 Diplomacy
IR 5552 3 International Law
IR 6610 3 International Organizations
IR 6612 3 Comparative Public Policy
IR 6631 3 Intercultural Relations

Concentration Relevant Electives Courses: (9 sh)

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

Middle East and North Africa
IR 5541 3 Middle Eastern Security
IR 5543 3 Middle Eastern Political Economy
IR 6616 3 East Asian Security

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 Troy Online students. Divisional Chair approval is required prior to enrolling for the thesis option. Students must obtain faculty support for their thesis prior to seeking such approval.

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

MASTER OF PUBLIC ADMINISTRATION

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

Mission Statement

The mission of Troy University’s Master of Public Administration program is to strengthen the quality of public service by facilitating learning, promoting scholarship, improving practice, and engaging in public service. The program strives to develop graduates who bring to the public work force the intellectual acuity, ethical commitment and professional competence to effectively serve the public interest.

The MPA degree is a 12-course, 36 credit hour curriculum of study. Students may take courses as pre-service, in-service, full-time, and part-time students and through Troy Online. The MPA degree program is offered at the Global Campus site in Atlanta, through online courses, and at the Troy campus. 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 or students may complete another one (1) elective course for a total of 39 credit hours or students may complete PA 6694 Internship. Students

Admission Requirements for Master of Public Administration

Unconditional Admission

Applicants may be admitted unconditionally if they meet the following requirements:

1. Hold a bachelor’s or higher degree from a regionally accredited institution. No test score is required. An official transcript showing completion of a master’s or higher degree is required.

OR

2. Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 GPA on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the GPA. All transcripts from all colleges or universities attended are required AND

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

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.

Readmission of MPA Students in Good Standing

Students who have not been enrolled for three or more years in the MPA program must complete a Readmission to Graduate School Application and meet degree requirements as stated in the most current catalog upon readmission. Students will be readmitted to the most current catalog at the time of readmission.

Transfer Credit

A maximum of 12 credit hours taken at another regionally accredited university with a grade of “B” or better can be applied to the MPA degree. 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 position 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-Foundations 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

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 Nonprofit 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 Manage-
GRADUATE CERTIFICATE IN GOVERNMENT CONTRACTING

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

Admission Requirements

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

Course Requirements

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

MASTER OF SOCIAL SCIENCE

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

Mission statement

The Master of Social Science Degree (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, Economics, History, Geography, Social Science, and International Relations. 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 follow-
ing 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 comparable 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 either the Thesis or Comprehensive Exam 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. Students must receive a “B” or better in SS 6691: Survey of Research Methods in Social Science.

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 of electives;
5. Maintain a minimum overall 3.0 GPA; AND
7. Thesis Option is not available for Troy Online 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
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 6 SH
Total 36 SH
*Not available for Troy Online students.

Non-Thesis Option*
Required Core Courses 9 SH
Electives 27 SH
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*
* A grade of “B” or better is required.
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, International Relations, Psychology, Social Science, or Sociology.
*Courses must be advisor-approved.

Thesis Courses
SS 6693 (3) Thesis Practicum
SS 6695 (3) Thesis
### TROY UNIVERSITY

**M.S. - BIOMEDICAL SCIENCES (BMS)**

Graduate Degree Plan and Progress Record

**30-31 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. 30-31 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. Completion of BIO 6691 with a "B" or better
9. All credit earned within 8 years of graduation
10. Successfully complete comprehensive exam or thesis (Select One)
11. Intent to Graduate filed

### CORE COURSES (18 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
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</thead>
<tbody>
<tr>
<td>BMS 6615</td>
<td>Medical Microbiology and Immunology</td>
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<td>BMS 6620</td>
<td>Neuroscience</td>
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<td>BMS 6625</td>
<td>Medical Cell Biology</td>
<td>3</td>
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<td>BMS 6635</td>
<td>Medical Physiology</td>
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<td>BMS 6655</td>
<td>Clinical Biochemistry</td>
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<tr>
<td>BIO 6691</td>
<td>Research Methodology and Experimental Design</td>
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</table>

### THESIS OPTION (6 Semester Hours)

<table>
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<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
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</tbody>
</table>

### ELECTIVE COURSES: (6-13 Semester Hours)  See Graduate Catalog for list of approved electives.

<table>
<thead>
<tr>
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<th>TITLE</th>
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<th>GRADE</th>
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</tr>
</thead>
</table>

**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:

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</thead>
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</tbody>
</table>
TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Computer Network and Security Concentration
Graduate Degree Plan and Progress Record
33 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. 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

<table>
<thead>
<tr>
<th>COURSE NO.</th>
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<th>HRS</th>
<th>GRADE</th>
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</thead>
<tbody>
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<td>MTH 2215</td>
<td>Applied Discrete Mathematics</td>
<td>3</td>
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</tr>
<tr>
<td>CS 2250</td>
<td>Computer Science I</td>
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<tr>
<td>CS 2255 or CS 3360</td>
<td>CS II or Concepts of Object Oriented Programming I</td>
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<td>Foundations of Computer Science</td>
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<tr>
<td>CS 3323</td>
<td>Data Structures</td>
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</tr>
</tbody>
</table>

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)

<table>
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<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>CS 5549</td>
<td>Analysis of Algorithms</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CS 5545</td>
<td>Computer Architecture</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CS 5550</td>
<td>Operating System Principles</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>COURSE NO.</th>
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<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 6676</td>
<td>Advanced Computer Network</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CS 6674</td>
<td>Network and Information Security</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CS 6625</td>
<td>Specialized Study in Computer Science</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Thesis Option Required Courses:  (12 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>CS 6676</td>
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<tr>
<td>CS 6699</td>
<td>Research and Thesis</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

ADVISOR APPROVED ELECTIVES: Select 12-15 hours of advisor-approved Computer Science graduate courses
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
☐ 10. Other

Progress:

<table>
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<tr>
<th>STATUS</th>
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<tbody>
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<tr>
<td>Requirement for minimum</td>
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</tr>
<tr>
<td>undergraduate GPA waived</td>
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<td></td>
</tr>
<tr>
<td>Requirement for minimum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>score of GRE waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unconditional</td>
<td></td>
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</tr>
<tr>
<td>Residency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comps</td>
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<td></td>
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</tbody>
</table>

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM
TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
Artificial Intelligence Concentration
Graduate Degree Plan and Progress Record

33 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. 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

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<td>Data Structures</td>
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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)

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<tr>
<th>COURSE NO.</th>
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</thead>
<tbody>
<tr>
<td>CS 6678</td>
<td>Advanced Artificial Intelligence</td>
<td>3</td>
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<tr>
<td>CS 6682</td>
<td>Machine Learning</td>
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Thesis Option Required Courses:  (12 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
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ADVISOR APPROVED ELECTIVES: Select 12-15 hours of advisor-approved Computer Science graduate courses

|                                                                |      |      |      |      |      |
|                                                                |      |      |      |      |      |
|                                                                |      |      |      |      |      |
|                                                                |      |      |      |      |      |
|                                                                |      |      |      |      |      |
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
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THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM
TROY UNIVERSITY  
MASTER OF SCIENCE IN COMPUTER SCIENCE  
Software Development Concentration  
Graduate Degree Plan and Progress Record  
33 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. 33 Semester hours of credit
5. Meet residency requirements
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7. Overall GPA of 3.0
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**PREREQUISITE COURSES**  Required for students with Bachelor’s Degree outside the field of Computer Science

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

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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 6680</td>
<td>Advanced Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CS 6640</td>
<td>Advanced Database Concepts</td>
<td>3</td>
</tr>
<tr>
<td>CS 6625</td>
<td>Specialized Study in Computer Science</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 6680</td>
<td>Advanced Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CS 6640</td>
<td>Advanced Database Concepts</td>
<td>3</td>
</tr>
<tr>
<td>CS 6699</td>
<td>Research and Thesis</td>
<td>6</td>
</tr>
</tbody>
</table>

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

Progress:

<table>
<thead>
<tr>
<th>STATUS</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Scores</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requirement for minimum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>undergraduate GPA waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requirement for minimum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>score of GRE waived</td>
<td></td>
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</tr>
<tr>
<td>Unconditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comps</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM
TROY UNIVERSITY
MASTER OF SCIENCE IN CRIMINAL JUSTICE
Graduate Degree Plan and Progress Record
30 / 36 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. 30/36 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

REQUIRED CORE COURSES (15 Semester Hours)

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

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

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 6690</td>
<td>Capstone in Criminal Justice</td>
<td>3</td>
<td></td>
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</tr>
</tbody>
</table>

THESIS OPTION*: (6 Semester Hours) Complete all core requirements plus the courses listed below. * Available Troy Campus only

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>CJ 6694</td>
<td>Statistics for Criminal Justice Research</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJ 6695</td>
<td>Thesis</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ELECTIVES: (12-15 Semester Hours) Select 5 courses from approved elective courses. See Graduate Catalog for list. Note: Students pursuing the Security Studies Concentration must take the approved electives listed for the concentration in this Catalog.


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:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditional</td>
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<td></td>
</tr>
<tr>
<td>Unconditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Scores</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TROY UNIVERSITY
M.S. - ENVIRONMENTAL AND BIOLOGICAL SCIENCES (EBS)
Graduate Degree Plan and Progress Record
30/36 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. 30-36 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 EBS/BIO 6691 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

REQUIRED CORE COURSES (9 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBS/BIO 6601</td>
<td>Environmental and Biological Ethics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBS/BIO 6624</td>
<td>Public Health</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBS/BIO 6691</td>
<td>Research Methodology and Experimental Design</td>
<td>3</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

ELECTIVES: (6-27 Semester Hours)

See Graduate Catalog for list of required courses and approved electives for the selected concentrations.

ENVIRONMENTAL SCIENCE and ENVIRONMENTAL POLICY CONCENTRATIONS REQUIRED COURSES: (9 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBS 6601</td>
<td>Environmental and Biological Ethics</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBS 6624</td>
<td>Public Health</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBS 6691</td>
<td>Research Methodology and Experimental Design</td>
<td>3</td>
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</tr>
</tbody>
</table>

THESIS OPTION*: Complete 30 sh of selected concentration courses and electives plus thesis courses. * Not available to eTROY students.

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBS/BIO 6695</td>
<td>Thesis Research</td>
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<tr>
<td>EBS/BIO 6695</td>
<td>Thesis Research</td>
<td>3</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DATE</th>
<th>INITIALS</th>
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<tbody>
<tr>
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<td></td>
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<tr>
<td>Unconditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Scores</td>
<td></td>
<td></td>
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</tbody>
</table>
### TROY UNIVERSITY
**MASTER OF ARTS IN HISTORY**
Graduate Degree Plan and Progress Record
36 Semester-Hour Program

<table>
<thead>
<tr>
<th>Name:</th>
<th>Student ID#:</th>
<th>Campus:</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Address:</th>
<th>Email:</th>
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<tbody>
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</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 6630</td>
<td>Foundations of Graduate Study in History</td>
<td>3</td>
</tr>
<tr>
<td>HIS 6632</td>
<td>American Historiography</td>
<td>3</td>
</tr>
<tr>
<td>HIS 6634</td>
<td>European Historiography</td>
<td>3</td>
</tr>
</tbody>
</table>

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

- **Primary Field (15 Semester Hours)** At least two Research/Seminar
  - ○ American History
  - ○ European History

- **Secondary Field (9 Semester Hours)** At least one Research/Seminar
  - ○ Specific Thematic Emphasis

- **Elective (3 Semester Hours-Must be 6000 Level)**

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

- **Thesis Hours (6 Semester Hours)**
  - **HIS 6695** Thesis

- **Primary Field (15 Semester Hours)** At least two Research/Seminar
  - ○ American History
  - ○ European History

- **Secondary Field (6 Semester Hours)** At least one Research/Seminar

- ○ European History
  - ○ American History

- ○ Specific Thematic Emphasis
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
- 10. Implications of 16-week classes, including financial implications
- 11. Other

Progress:

<table>
<thead>
<tr>
<th>STATUS</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Scores</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requirement for minimum undergraduate GPA waived</td>
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<td></td>
</tr>
<tr>
<td>Requirement for minimum score of GRE waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unconditional</td>
<td></td>
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</tr>
<tr>
<td>Residency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comps</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TROY UNIVERSITY
MASTER of SCIENCE IN INTERNATIONAL RELATIONS
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
2. Official transcript of all academic work
3. Unconditional Admission
4. 36 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

REQUIRED CORE COURSES (12 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR 5551</td>
<td>Survey of International Relations</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR 6601</td>
<td>Research Methods in International Relations</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR 6620</td>
<td>International Political Economy</td>
<td>3</td>
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<tr>
<td>IR 6652</td>
<td>Theory &amp; Ideology of International Relations</td>
<td>3</td>
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</tr>
</tbody>
</table>

CONCENTRATION COURSES: (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.

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.

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR 6668</td>
<td>Thesis</td>
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<tr>
<td>IR 6669</td>
<td>Thesis</td>
<td>3</td>
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</tr>
</tbody>
</table>

ITEMS TO BE DISCUSSED:
- One term limit to have transcript(s) and test scores on file
- Temporary, Conditional, and 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
- Comprehensive Examination Requirements

ADMISSION STATUS:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>Test Scores</td>
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</tbody>
</table>
TROY UNIVERSITY
MASTER OF PUBLIC ADMINISTRATION
Graduate Degree Plan and Progress Record
36 / 39 Semester-Hour Program

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

DEGREE REQUIREMENTS:
1. Admission to MPA program
2. Official transcript of all academic work
3. Unconditional Admission
4. 36 Semester hours of coursework credit (39 with Internship)
5. Meet residency requirements
6. No more than two grades below "B"
7. Internship required or waived
8. Overall GPA of 3.0
9. Completion of research requirement (PA 6601) with a "B" or better
10. All credit earned within 8 years of graduation
11. Completion of capstone (PA 6699) with a grade of "B" or better
12. Intent to Graduate filed

REQUIRED CORE COURSES (24 Semester Hours)

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

SELECT ONE*: (3 Semester Hours)

<table>
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<th>TITLE</th>
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<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
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<tbody>
<tr>
<td>PA 6603</td>
<td>Economics for Public Management</td>
<td>3</td>
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<tr>
<td>PA 6631*</td>
<td>Program Evaluation</td>
<td>3</td>
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</tr>
</tbody>
</table>

* 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

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:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DATE</th>
<th>INITIALS</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Unconditional</td>
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<tr>
<td>Test Scores</td>
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</tbody>
</table>
TROY UNIVERSITY
MASTER OF SCIENCE IN SOCIAL SCIENCE
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
2. Official transcript of all academic work
3. Unconditional Admission
4. 30/36 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

REQUIRED CORE COURSES (9 Semester Hours)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
<th>TRANSFER CREDIT</th>
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<tr>
<td>SS 6690</td>
<td>Seminar In Social Sciences</td>
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<td>Survey of Research Methods in Social Sciences</td>
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THESIS OPTION ADDITIONAL REQUIRED COURSES: (6 Semester Hours)

<table>
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<tr>
<th>COURSE NO.</th>
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<tbody>
<tr>
<td>SS 6693</td>
<td>Thesis Practicum</td>
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<tr>
<td>SS 6695</td>
<td>Thesis</td>
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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:

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<tr>
<th>TYPE</th>
<th>DATE</th>
<th>INITIALS</th>
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<td>Unconditional</td>
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<td></td>
</tr>
<tr>
<td>Test Scores</td>
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</table>
TROY UNIVERSITY
GRADUATE CERTIFICATE IN BIOMEDICAL SCIENCES
Certificate Plan and Progress Record
Certificate Verification
18-19 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. 20 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: (15 Semester Hours)

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<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
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<td>BMS 6655</td>
<td>Clinical Biochemistry</td>
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ELECTIVE COURSES (3-4 Semester Hours): Select one advisor approved elective with corresponding lab if applicable

<table>
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<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS.</th>
<th>GRADE</th>
<th>TERM / YR</th>
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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 (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:

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<tr>
<td>Test Scores</td>
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</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
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<td>Advanced Contract Administration</td>
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<td>PA 6648</td>
<td>Contract Negotiation</td>
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<td>PA 6649</td>
<td>Government Contract Law</td>
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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 (3 SH maximum)
☐ Class attendance
☐ Drop and Withdrawal procedures; deadlines and consequences
☐ Petition for an incomplete grade
☐ Student participation in course and program evaluation

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