

COLLEGE OF ARTS AND SCIENCES

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

enhance the quality of life of the people it serves.

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

| Degree Program | Troy Campus | Phenix City Campus | Dothan Campus | Montgomery Campus | Support Sites | Troy Online |
|--|-------------|--------------------|---------------|-------------------|---------------|-------------|
| Biomedical Sciences | X | | | | | |
| Computer Science | X | | | X | | |
| <i>Computer Network and Security Concentration</i> | | | | | | |
| <i>Artificial Intelligence Concentration</i> | | | | | | |
| <i>Software Development Concentration</i> | | | | | | |
| Criminal Justice | X | | X | | | X |
| <i>Security Studies Concentration</i> | X | | | | | X |
| Environmental & Biological Sciences | X | | | | | X |
| International Relations | X | | | | X | X |
| Public Administration | X | | | | X | X |
| Social Science | X | | | | | X |
| Certificate in Biomedical Sciences | X | | | | | |

* Please refer to <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. At a minimum, applicants should have successfully completed genetics, human anatomy and physiology, and microbiology. Other prerequisites include physics, general chemistry, and organic chemistry. Students with undergraduate degrees outside of the biological sciences 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)
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.

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

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

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

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)

| | | |
|----------|---|--|
| 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 |
| BIO 6691 | 3 | Research Methodology and Experimental Design |

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

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

Courses with separate lectures and labs must be taken together.

| | | |
|----------|------|--|
| BIO 5516 | 3 | Microbial Ecology |
| BIO L516 | 1 | Microbial Ecology Lab |
| BIO 5551 | 3 | Toxicology |
| BIO L551 | 1 | Toxicology Lab |
| BIO 5771 | 3 | Parasitology |
| BIO L571 | 1 | Parasitology Lab |
| BIO 5576 | 1-4 | Special Topics |
| BIO 5580 | 3 | Histology |
| BIO L580 | 1 | Histology Lab |
| BIO 5592 | 1-4 | Guided Independent Research |
| BIO 5594 | 1-4 | Guided Independent Study |
| BIO 6601 | 3 | Environmental and Biological Ethics |
| BIO 6621 | 3 | Environmental Toxicology |
| BIO 6625 | 1-4 | Specialized Study in Biology |
| | 6626 | |
| BIO 6670 | 1-4 | Special Topics |
| | 6671 | |
| BMS 6630 | 3 | Medical Pharmacology |
| BMS 6665 | 3 | Neuroanatomy |
| SOC 5555 | 3 | Death and Dying |
| OR | | |
| SOC 5560 | 3 | Sociology of Health, Medicine, & Illness |
| BIO 6624 | 3 | Public Health |

Or select one (1) of the following:

| | | |
|---------|---|---|
| PA 6675 | 3 | Public Health Services Administration and Policy |
| PA 6676 | 3 | Legal and Social Issues in Public Health Administration |
| PA 6677 | 3 | Public Health Preparedness and Emergency Response |
| PA 6678 | 3 | Introduction to Public Health |

BIO 6665 3 Neuroanatomy

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. Official transcripts are required.
2. An acceptable score on the appropriate entrance exam [GRE 294 (920 on the old exam) (verbal plus quantitative),
3. Acknowledgement form

Conditional Admission

For those students who cannot satisfy all unconditional admission requirements, conditional admission may be granted under certain circumstances. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students failing to achieve the minimum entrance exam score exam [GRE 294 (920 on the old exam) (verbal plus quantitative), may satisfy the test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point

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 in the M.S. BMS program may qualify for the BMS Certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The Graduate Certificate requires 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 |
| BMS 6665 | 3 | Neuroanatomy |
| SOC 5555 | 3 | Death and Dying |
| SOC 5560 | 3 | Sociology of Health, Medicine, & Illness |
| BIO 6624 | 3 | Public Health |
| BIO 5551 | 3 | Toxicology |
| BIO L551 | 1 | Toxicology Lab |
| BIO 5771 | 3 | Parasitology |
| BIO L571 | 1 | Parasitology Lab |
| BIO 5580 | 3 | Histology |
| BIO L580 | 1 | Histology Lab |

average of 3.0.

- Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
- A student with a bachelor's degree outside the field of CS may satisfy the bachelor's degree requirement by completing ALL of the following courses or their equivalent:

MTH 2215 – Applied Discrete Mathematics

CS 2250 – Computer Science I and

CS 2255 – Computer Science II

or

CS3360 – Concepts of Object Oriented Programming I

CS 3310 – Foundations of Computer Science

CS 3323 – Data Structures

CS 3332 – Software Engineering

Additional courses may be required by the CS Graduate Advisor depending on the student's background. A student must complete all courses with a grade point average of 3.0. *Note: To remain eligible for Federal Financial Aid, all undergraduate courses MUST be completed before students enroll in any graduate courses. Students receiving Federal Financial Aid may NOT enroll in undergraduate courses after they have begun graduate coursework.*

Accelerated BS/MS in Computer Science Admission

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

Transfer of Credit

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better grade, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the department's graduate program and must be recommended for transfer credit by the Chair of the Department of Computer Science and approved by the Dean of the Graduate School. Non-thesis students who transfer a "core" course are still required to take a written comprehensive exam based on the material presented at Troy University.

Degree Options

There are two degree options: thesis and non-thesis. In the thesis option, the student must successfully complete and defend a thesis as well as complete other requirements stated below. See Thesis Guidelines for additional information. In the non-thesis option, the student must pass a written comprehensive exam and must successfully complete a research paper.

Degree Requirements

The successful completion of 33 semester hours, including 6 hours of thesis research for the thesis option and 33 semester hours, including 3 hours of research project for the non-thesis option, with an overall grade point average of 3.0, and successful completion of a thesis or a paper. If the student makes a "D" or "F" in a core course, the course must be retaken. In both cases, a student must complete the Core Courses and choose one of the several specialization concentrations.

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

Curriculum

All courses offer three semester hours of credit.

Computer Network and Security Concentration

Core Courses (9 sh)

| | | |
|---------|---|------------------------------------|
| CS 5549 | 3 | <i>Analysis of Algorithms</i> |
| CS 5545 | 3 | <i>Computer Architecture</i> |
| CS 5550 | 3 | <i>Operating System Principles</i> |

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (9 sh)

| | | |
|---------|---|--|
| CS 6676 | 3 | <i>Advanced Computer Network</i> |
| CS 6674 | 3 | <i>Network and Information Security</i> |
| CS 6625 | 3 | <i>Specialized Study in Computer Science</i> |

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 | <i>Advanced Computer Network</i> |
| CS 6674 | 3 | <i>Network and Information Security</i> |
| CS 6699 | 3-6 | <i>Research and Thesis</i> |

Elective Courses (12 sh)

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

Artificial Intelligence Concentration

Core Courses (9 sh)

| | | |
|---------|---|------------------------------------|
| CS 5549 | 3 | <i>Analysis of Algorithms</i> |
| CS 5545 | 3 | <i>Computer Architecture</i> |
| CS 5550 | 3 | <i>Operating System Principles</i> |

Select one option below:

Non-Thesis Option: (24 sh)

Required Courses: (9 sh)

| | | |
|---------|---|--|
| CS 6678 | 3 | <i>Advanced Artificial Intelligence</i> |
| CS 6682 | 3 | <i>Machine Learning</i> |
| CS 6625 | 3 | <i>Specialized Study in Computer Science</i> |

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 | <i>Advanced Artificial Intelligence</i> |
|---------|---|---|

| | | |
|---------|-----|----------------------------|
| 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.

| | |
|---------|------------------------------------|
| CS 6649 | Special Topics in Computer Science |
| CS 6699 | Research and Thesis |

MASTER OF SCIENCE IN CRIMINAL JUSTICE

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

The purpose of the Master of Science degree in Criminal Justice is to broaden and enhance each student's ability to understand, analyze and evaluate issues that confront the American criminal justice system. The objectives of the program's core coursework are (a) the analysis of personnel situations in light of standard personnel processes applying major personnel laws and regulations to situations arising in criminal justice organizations; (b) demonstrate a comprehensive understanding of the evolution of criminal law and procedures as evidenced by recent 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.

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

Elective Courses (15 sh)

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

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

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

Elective Courses (12 sh)

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

Comprehensive exam

A candidate that chooses the non-thesis option must pass the comprehensive exam before the degree can be awarded. The comprehensive exam should be taken during the students' last semester of course work. The exam format is a written exam covering the basic core courses only. Students must pass all of the 3 sections of the exam.

Thesis/Project Proposal

Students who choose the thesis option must prepare a thesis proposal no later than the second graduate academic semester and must be approved by the thesis proposal committee.

Elective Courses: (12/15 sh)

| | | |
|---------|---|---|
| CS 6635 | 3 | Image Processing |
| CS 6640 | 3 | Advanced Database Concepts |
| CS 6643 | 3 | Theory and Design of Compilers |
| CS 6646 | 3 | Information Systems for Operations and Management |
| CS 6647 | 3 | Simulation and Modeling |
| CS 6648 | 3 | Optimization Modeling |
| CS 6660 | 3 | Algorithmic Graph Theory |
| CS 6664 | 3 | High-Performance Computing |
| CS 6666 | 3 | Computer Graphics |
| CS 6668 | 3 | Network Security |
| CS 6670 | 3 | Applied System Analysis and Design |

Other Electives (approved by adviser—semester hours vary)

CS 6625, 6626, 6627 Specialized Study in Computer Science*

Admission Requirements For Master of Science in Criminal Justice

1. Completed Application for Admission to the Graduate School.
2. Official transcript(s)
AND
3. A letter of recommendation that addresses the applicants potential for success in the Master of Criminal Justice graduate program

Unconditional Admission

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

Conditional Admission

Conditional Admission does not apply to this program.

Accelerated BS/MSCJ 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/MSCJ 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/departments chair. If the student transfers a "core" or "required course," he/she is still subject to a written comprehensive exam based on the material presented at Troy University.

Degree Requirements

Students completing the degree program with a GPA of 3.0 or higher, a grade of "B" or better in CJ 6650 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. 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):

Required Courses (18 sh)

| | | |
|---------|---|--|
| CJ 6610 | 3 | Principles of Administration |
| CJ 6620 | 3 | Current Trends in Criminal Law |
| CJ 6622 | 3 | Seminar in the Administration of Justice |
| CJ 6636 | 3 | Criminological Theory |
| CJ 6650 | 3 | Survey of Research Methods in Criminal Justice |
| CJ 6690 | 3 | Capstone for Criminal Justice |

Non-Thesis Option (30 semester hours)

Non Thesis Option Degree Requirements

| | | |
|------------------|--------------|----------------|
| Required Courses | 18 | Semester Hours |
| Electives Hours | 12 | Semester |
| Total | 30 sh | |

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.

| | | |
|---------|---|---|
| CJ 6621 | 3 | Current Issues in Corrections |
| CJ 6624 | 3 | Court Administration |
| CJ 6625 | 3 | Specialized Study |
| CJ 6630 | 3 | Juvenile Justice |
| CJ 6635 | 3 | Community-Based Corrections/Correctional Systems |
| CJ 6638 | 3 | Seminar in Civil Liberties Related to Corrections |
| CJ 6640 | 3 | Seminar in Law Enforcement |
| CJ 6644 | 3 | Administrative Law |
| CJ 6645 | 3 | Ethics in Criminal Justice Organizations |
| CJ 6649 | 3 | Statistics for Criminal Justice Research |
| CJ 6652 | 3 | Seminar in Corrections |
| CJ 6655 | 3 | Selected Topics in Criminal Justice |
| CJ 6660 | 3 | Advanced Readings in Criminal Justice |
| CJ 6671 | 3 | Organizational Theory |
| CJ 6692 | 3 | Agency Experience |
| CJ 6693 | 3 | Masters Project |

Electives Non-Thesis Option (Security Studies Concentration: (12sh)

Select any 4 courses from the following graduate courses and/or advisor approved electives.

| | | |
|---------|---|---|
| CJ 6639 | 3 | Seminar in Homeland Security |
| CJ 6643 | 3 | Transportation and Boarder Security |
| CJ 6642 | 3 | Cyber and Information Threat Management |
| CJ 6653 | 3 | Seminar in Intelligence |
| CJ 6656 | 3 | Selected Topics in Security |
| CJ 6665 | 3 | Emergency and Crisis Management |
| CJ 6667 | 3 | Intelligence Analysis |
| CJ 6669 | 3 | Legal Aspects of Security |
| CJ 6680 | 3 | Criminal Justice Study Abroad |
| CJ 6692 | 3 | Agency Experience |
| IR 6635 | 3 | National Security Policy |
| IR 6685 | 3 | Terrorism and Political Violence |

OR

Thesis Option (36 semester hours)

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

Thesis Option Degree Requirements:

| | | |
|------------------|----|----------------|
| Required Courses | 21 | Semester Hours |
| Electives | 15 | Semester Hours |

Total 36 sh

All courses offer three semester hours credit.

Required Courses (Non-Thesis Option):

Required Courses (18 sh)

| | | |
|---------|---|--------------------------------|
| CJ 6610 | 3 | Principles of Administration |
| CJ 6620 | 3 | Current Trends in Criminal Law |

| | | |
|---------|---|---|
| CJ 6622 | 3 | <i>Seminar in the Administration of Justice</i> |
| CJ 6636 | 3 | <i>Criminology Theory</i> |
| CJ 6650 | 3 | <i>Survey of Research Methods in CJ</i> |
| CJ 6694 | 3 | <i>Statistics for CJ Research</i> |
| CJ 6695 | 3 | <i>Thesis</i> |

Electives: Select 15 Semester Hours from courses listed in either Criminal Justice or Security Studies Concentration

MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

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

Purpose and Goals

The Master of Science Graduate Program in Environmental and Biological Sciences is designed to broaden the student's perspective and provide skills and knowledge for understanding and solving problems in the environmental and biological sciences. The Program teaches students the direct and indirect economic, social, and political contributions of the environmental and biological sciences. The Program underscores the interdisciplinary and cooperative nature of environmental and biological issues. The Program teaches how to manage conflicts and emphasizes the importance of effectively communicating with the private and public sectors, regulatory agencies, interest groups, and communities. The Program objectives are listed below:

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

Prerequisite Requirements

Candidates for admission must have a baccalaureate degree, preferably in a technical subject area. Candidates should have completed ecology and one junior/senior level (3000/4000) biology course. Additionally, one year of general chemistry and one course in statistics is required.

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

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

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

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

Thesis-Track Admission

Candidates will not be admitted into a thesis-track unless they have identified a thesis research supervisor and that faculty member has agreed to act as that student's thesis advisor. Candidates can apply to a non-thesis track concentration and change to a thesis track concentration after a thesis advisor has been identified. Conditionally accepted students cannot be accepted into a thesis track concentration until they have cleared conditional status.

Accelerated BS/MS in EBS Admission

Certain qualified honors students who successfully complete the Troy University BS in Environmental Science—Environmental Science Concentration-Accelerated Honors Option will be allowed to transfer up to 9 hours of MS EBS graduate level hours earned during their last year of undergraduate studies to the graduate MS in EBS program. Refer to the most recently published Undergraduate Catalog for more information about admission to the BS/MSEBS Accelerated Bachelors to Masters Honors Option.,

Transfer Credit

A maximum of 12 semester hours taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Department's graduate program and also be approved by the Department Chair. Non-thesis

students who transfer a “core” course are still required to take a written comprehensive exam based on the material presented at Troy University.

Degree Requirements

1. Unconditional Admission
2. Completion of curriculum listed below. If the student makes a “D” or “F” in a core course, the course must be retaken. If the student makes a “D” or “F” in an elective course, the course may either be retaken or another elective taken in its place.
3. Successful completion of EBS 6691 with a “B” or better
4. Overall 3.0 GPA
5. Successful completion of the comprehensive examination for non-thesis students or a thesis, including a presentation of a public seminar, for thesis students

A student who successfully completes the requirements listed above will be awarded the Master’s degree (M.S.) in Environmental and Biological Sciences.

Curriculum 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)

| | | |
|----------|---|--|
| BIO 6601 | 3 | Environmental and Biological Ethics |
| BIO 6624 | 3 | Public Health |
| BIO 6691 | 3 | Research Methodology and Experimental Design |

Select one option below:

Non-Thesis Option : (27 sh)

Select Advisor-approved course electives (27 sh)

| | | |
|----------|---|--|
| BIO 5513 | 3 | Limnology |
| BIO L513 | 1 | Limnology Lab |
| BIO 5514 | 3 | Food Microbiology |
| BIO L514 | 1 | Food Microbiology Lab |
| BIO 5516 | 3 | Microbial Ecology |
| BIO L516 | 1 | Microbial Ecology Lab |
| BIO 5520 | 4 | Field Vertebrate Zoology |
| BIO 5521 | 3 | Population Ecology |
| BIO L521 | 1 | Population Ecology Lab |
| BIO 5525 | 4 | Field Botany |
| BIO 5550 | 3 | Environmental History |
| BIO 5551 | 3 | Toxicology |
| BIO L551 | 1 | Toxicology Lab |
| BIO 5771 | 3 | Parasitology |
| BIO L571 | 1 | Parasitology Lab |
| BIO 5576 | 3 | Special Topics |
| BIO 5579 | 3 | Environmental Assessment |
| BIO L579 | 1 | Environmental Assessment Lab |
| BIO 5580 | 3 | Histology |
| BIO L580 | 1 | Histology Lab |
| BIO 5582 | 3 | Molecular Biology |
| BIO L582 | 1 | Molecular Biology Lab |
| BIO 6617 | 1 | Seminar in Environmental and Biological Sciences |
| BIO 6618 | 1 | Seminar in Environmental and Biological Sciences |
| BIO 6621 | 3 | Environmental Toxicology |
| BIO 6630 | 3 | Pollution Science |
| BIO 6650 | 3 | Spatial Analysis Using GIS |
| BIO 6655 | 3 | Clinical Biochemistry |
| BIO 6660 | 3 | Issues in Aquatic Ecology |
| BIO 6661 | 3 | Conservation Biology |
| BIO 6665 | 3 | Sustainable Development |

| | | |
|----------|---|--------------------------------|
| BIO L630 | 1 | Pollution Science Lab |
| BIO 6655 | 3 | Clinical Biochemistry |
| BIO 6660 | 3 | Issues in Aquatic Ecology |
| BIO 6661 | 3 | Conservation Biology |
| BIO 6665 | 3 | Sustainable Development |
| BIO 6650 | 3 | Spatial Analysis Using GIS |
| BIO L650 | 1 | Spatial Analysis Using GIS Lab |

OR

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)

| | | |
|----------|---|-----------------|
| BIO 6695 | 6 | Thesis Research |
|----------|---|-----------------|

Select Advisor-approved course electives (15 sh).

| | | |
|----------|---|--|
| BIO 5513 | 3 | Limnology |
| BIO L513 | 1 | Limnology Lab |
| BIO 5514 | 3 | Food Microbiology |
| BIO L514 | 1 | Food Microbiology Lab |
| BIO 5516 | 3 | Microbial Ecology |
| BIO L516 | 1 | Microbial Ecology Lab |
| BIO 5520 | 4 | Field Vertebrate Zoology |
| BIO 5521 | 3 | Population Ecology |
| BIO L521 | 1 | Population Ecology Lab |
| BIO 5525 | 4 | Field Botany |
| BIO 5550 | 3 | Environmental History |
| BIO 5551 | 3 | Toxicology |
| BIO L551 | 1 | Toxicology Lab |
| BIO 5771 | 3 | Parasitology |
| BIO L571 | 1 | Parasitology Lab |
| BIO 5576 | 3 | Special Topics |
| BIO 5579 | 3 | Environmental Assessment |
| BIO L579 | 1 | Environmental Assessment Lab |
| BIO 5580 | 3 | Histology |
| BIO L580 | 1 | Histology Lab |
| BIO 5582 | 3 | Molecular Biology |
| BIO L582 | 1 | Molecular Biology Lab |
| BIO 6617 | 1 | Seminar in Environmental and Biological Sciences |
| BIO 6618 | 1 | Seminar in Environmental and Biological Sciences |
| BIO 6621 | 3 | Environmental Toxicology |
| BIO 6630 | 3 | Pollution Science |
| BIO L630 | 1 | Pollution Science Lab |
| BIO 6650 | 3 | Spatial Analysis Using GIS |
| BIO L650 | 1 | Spatial Analysis Using GIS Lab |
| BIO 6655 | 3 | Clinical Biochemistry |
| BIO 6660 | 3 | Issues in Aquatic Ecology |
| BIO 6661 | 3 | Conservation Biology |
| BIO 6665 | 3 | Sustainable Development |

ENVIRONMENTAL POLICY CONCENTRATION

Required Core Courses (9 sh)

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

Non-Thesis Option: (27 sh)

Select nine courses

| | | |
|----------|-----|--|
| EBS 5550 | 3 | Environmental History of the U.S. |
| EBS 6603 | 3 | Environmental Management |
| EBS 6611 | 3 | Global Pollution and International Environmental Policy |
| EBS 6612 | 3 | Environmental Impact Studies and Risk Management |
| EBS 6615 | 3 | Environmental Law, Permitting, and Regulatory Compliance |
| EBS 6621 | 3 | Environmental Toxicology |
| EBS 6625 | 1-3 | Specialized Study in Environmental and Biological Sciences |
| EBS 6626 | 1-3 | Specialized Study in Environmental and Biological Sciences |
| EBS 6630 | 3 | Pollution Science |
| EBS 6635 | 3 | Land Use Planning |
| EBS 6637 | 3 | Environmental Economics |
| EBS 6665 | 3 | Sustainable Development |
| GEO 5503 | 3 | Conservation |
| 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 |
| PA 6667 | 3 | Executive Leadership in Nonprofit Organizations |
| PA 6668 | 3 | Grant Management for Public and Nonprofit Organizations |
| PA 6677 | 3 | Public Health Preparedness and Emergency Response |

ENVIRONMENTAL SCIENCE CONCENTRATION

Required Core Courses (9 sh)

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

Select one option below:

Non-Thesis Option: (27 sh)

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

| | | |
|----------|---|---------------------------|
| 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 Elective Courses (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 |
| EBS 5550 | 3 | Environmental History |
| EBS 5579 | 3 | Environmental Assessment |
| EBS L579 | 1 | Environmental Assessment Lab |
| EBS 6617 | 1 | Seminar in Environmental and Biological Sciences |
| EBS 6618 | 1 | Seminar in Environmental and Biological Sciences |
| EBS 6621 | 3 | Environmental Toxicology |
| EBS 6630 | 3 | Pollution Science |
| EBS L630 | 1 | Pollution Science |
| EBS 6665 | 3 | Sustainable Development |
| EBS 6650 | 3 | Spatial Analysis Using GIS |
| EBS L650 | 1 | Spatial Analysis Using GIS Lab |

OR

Thesis Option: (30 sh minimum)

The Thesis Option includes:

| | |
|---|-------|
| Required Core Classes | 9 sh |
| Required EBS Courses and Advisor Approved Electives | 15 sh |
| Thesis hours | 6 sh |
| Total | 30 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 |

Thesis Hours (6)

| | | |
|----------|---|-----------------|
| EBS 6695 | 6 | Thesis Research |
|----------|---|-----------------|

Adviser Approved Electives: (15 sh)

Choose any six (15) hours from BIO/EBS courses listed above and/or GIS courses.

| | | |
|----------|---|--|
| 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 |
| EBS 5550 | 3 | Environmental History |
| EBS 5579 | 3 | Environmental Assessment |
| EBS L579 | 1 | Environmental Assessment Lab |
| EBS 6617 | 1 | Seminar in Environmental and Biological Sciences |
| EBS 6618 | 1 | Seminar in Environmental and Biological Sciences |
| EBS 6621 | 3 | Environmental Toxicology |
| EBS 6630 | 3 | Pollution Science |
| EBS L630 | 1 | Pollution Science |
| EBS 6665 | 3 | Sustainable Development |
| EBS 6650 | 3 | Spatial Analysis Using GIS |
| EBS L650 | 1 | Spatial Analysis Using GIS Lab |

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 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].
4. The GRE/GMAT/MAT requirement may be waived under the following conditions

A. If the applicant holds a baccalaureate degree from a regionally accredited college or university or equivalent foreign university with a minimum overall undergraduate grade point average of 3.0 (4.0 scale)

OR

B. If the applicant holds a baccalaureate degree from Troy University with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 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.

OR

C. If the applicant is an officer or senior NCO in the U.S. military in good standing and holds a baccalaureate degree from an accredited college or university with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 on the last 30 semester hours. All transcripts from all colleges or universities attended are required.

Conditional Admission

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

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

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

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 either be retaken or another elective taken in its place.

4. Successful completion (“B” or better) of IR 6690 Capstone or 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. Five core required courses with a “B” or better in IR 6601 Research Methods in International Relations
2. The selection and completion of one program concentration
3. The successful completion of the capstone course with a grade average of B or higher

Non-Thesis Option

| | |
|--------------------------------|----|
| Core Courses | 15 |
| Concentration Elective Courses | 21 |
| Total | 36 |

Thesis Option

| | |
|--------------------------------|----|
| Core Courses | 12 |
| Concentration Elective Courses | 18 |
| Thesis Hours | 6 |
| Total | 36 |

REQUIRED CORE COURSES (12-15 SH)

All MSIR students must take the following courses:

| | | |
|---------|---|--|
| IR 5551 | 3 | Survey of International Relations |
| IR 6601 | 3 | Research Methods in International Relations |
| IR 6620 | 3 | International Political Economy |
| IR 6652 | 3 | Theory and Ideology of International Relations |
| IR 6690 | 3 | Capstone (Non-Thesis Students only) |

MSIR CONCENTRATION OPTIONS

Students must choose ONE of the following concentrations:

- Global Studies (21 sh or 18 sh with Thesis)
- National Security Affairs (21 sh or 18 sh with Thesis)
- Regional Affairs (21 sh or 18 sh with Thesis)

GLOBAL STUDIES CONCENTRATION (21 sh or 18 sh with Thesis)

Students may choose any 18-21 SH of the following courses:

| | | |
|----------|---|---|
| HIS 5503 | 3 | Contemporary Europe |
| HIS 5504 | 3 | Military History of the United States |
| IR 5502 | 3 | International Political Geography |
| IR 5524 | 3 | Contemporary American Foreign Policy |
| IR 5533 | 3 | Comparative Government |
| IR 5540 | 3 | Conflict Processes |
| IR 5541 | 3 | Middle Eastern Security |
| IR 5542 | 3 | Diplomacy |
| IR 5543 | 3 | Middle Eastern Political Economy |
| IR 5544 | 3 | European Political Economy and the European Union |
| IR 5552 | 3 | International Law |
| IR 6600 | 3 | Selected Topics in International Relations |
| IR 6602 | 3 | Geostrategic Studies |
| IR 6610 | 3 | International Organizations |
| IR 6612 | 3 | Comparative Public Policy |
| IR 6616 | 3 | East Asian Security |
| IR 6621 | 3 | East Asian Political Economy |
| IR 6622 | 3 | European Security |

| | | |
|---------|---|--|
| IR 6623 | 3 | Arab-Israeli Conflict |
| IR 6624 | 3 | Geopolitics of Eurasia |
| IR 6625 | 3 | Specialized Study in International Relations |
| 6626 | | |
| 6627 | | |
| IR 6631 | 3 | Intercultural Relations |
| IR 6634 | 3 | Tradition, Revolution, and Change |
| IR 6635 | 3 | National Security Policy |
| IR 6640 | 3 | Government and Politics of Developing Nations |
| IR 6641 | 3 | Comparative Politics of Latin America |
| IR 6642 | 3 | Comparative Politics of Russia and Eastern Europe |
| IR 6644 | 3 | Comparative Politics of the Middle East |
| IR 6645 | 3 | Comparative Politics of East Asia |
| IR 6646 | 3 | Comparative Politics of South Asia |
| IR 6647 | 3 | Comparative Politics of Western Europe |
| IR 6648 | 3 | Comparative Politics of Sub-Saharan Africa |
| IR 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 6664 | 3 | European Nationalism |
| 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 |
| IR 6661 | 3 | US Intelligence in International Relations |
| IR 6615 | 3 | Comparative Politics of North Korea |
| IR 6643 | 3 | Russian Intelligence in International Relations: From the KGB to the FSB |
| IR 6637 | 3 | Counter Insurgency and Irregular Warfare |
| IR 6617 | 3 | Chinese Security |
| IR 6639 | 3 | Russian Security |
| IR 6684 | 3 | Violence in Latin America |
| PA 6610 | 3 | Foundations of Public Administration |
| PA 6622 | 3 | Public Policy |

NATIONAL SECURITY AFFAIRS CONCENTRATION (21 sh or 18 sh with Thesis)

Students must choose any three of the following courses: (9 sh)

| | | |
|----------|---|---|
| HIS 5504 | 3 | Military 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 | Geostrategic 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 |

| | | |
|---------|---|---|
| IR 6661 | 3 | <i>US Intelligence in International Relations</i> |
| IR 6615 | 3 | <i>Comparative Politics of North Korea</i> |
| IR 6643 | 3 | <i>Russian Intelligence in International Relations: From the KGB to the FSB</i> |
| IR 6637 | 3 | <i>Counter Insurgency and Irregular Warfare</i> |
| IR 6617 | 3 | <i>Chinese Security</i> |
| IR 6639 | 3 | <i>Russian Security</i> |
| IR 6684 | 3 | <i>Violence in Latin America</i> |

Students must choose 9-12 semester hours from the remaining electives listed for the Global Studies Concentration: (9-12sh)

REGIONAL AFFAIRS CONCENTRATION (21 sh or 18 sh with Thesis)

Concentration Relevant Electives Courses: (12 sh)

Students must take 12 hours from one of the following regional groups:

Middle East and North Africa

| | | |
|---------|---|---|
| IR 5541 | 3 | <i>Middle Eastern Security</i> |
| IR 5543 | 3 | <i>Middle Eastern Political Economy</i> |
| IR 6623 | 3 | <i>Arab-Israeli Conflict</i> |
| IR 6624 | 3 | <i>Geopolitics of Eurasia</i> |
| IR 6644 | 3 | <i>Comparative Politics of the Middle East</i> |
| IR 6648 | 3 | <i>Comparative Politics of Sub-Saharan Africa</i> |
| IR 6681 | 3 | <i>Tribalism and Colonialism in Africa</i> |
| IR 6685 | 3 | <i>Terrorism and Political Violence</i> |
| IR 6688 | 3 | <i>Political Islam</i> |

Asia

| | | |
|---------|---|--|
| IR 6616 | 3 | <i>East Asian Security</i> |
| IR 6621 | 3 | <i>East Asian Political Economy</i> |
| IR 6624 | 3 | <i>Geopolitics of Eurasia</i> |
| IR 6645 | 3 | <i>Comparative Politics of East Asia</i> |
| IR 6646 | 3 | <i>Comparative Politics of South Asia</i> |
| IR 6617 | 3 | <i>Chinese Security</i> |
| IR 6615 | 3 | <i>Comparative Politics of North Korea</i> |

Europe

| | | |
|----------|---|---|
| HIS 5503 | 3 | <i>Contemporary Europe</i> |
| IR 5544 | 3 | <i>European Political Economy and the European Union</i> |
| IR 6622 | 3 | <i>European Security</i> |
| IR 6624 | 3 | <i>Geopolitics of Eurasia</i> |
| IR 6642 | 3 | <i>Comparative Politics of Russia and Eastern Europe</i> |
| IR 6647 | 3 | <i>Comparative Politics of Western Europe</i> |
| IR 6639 | 3 | <i>Russian Security</i> |
| IR 6643 | 3 | <i>Russian Intelligence in International Relations: From the KGB to the FSB</i> |
| IR 6664 | 3 | <i>European Nationalism</i> |

Latin America

| | | |
|---------|---|--|
| IR 6641 | 3 | <i>Comparative Politics of Latin America</i> |
| IR 6686 | 3 | <i>Latin American Security</i> |
| IR 6687 | 3 | <i>Latin American Political Economy</i> |
| IR 6684 | 3 | <i>Violence in Latin America</i> |

Approved Electives Courses: (9 sh)

Non-thesis students must choose three courses from the remaining electives listed for the Global Studies Concentration and thesis students must choose two.

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

1. Capstone—Students choosing this option must take the capstone class in their final semester or term and all core classes need to be completed prior to enrolling in the class. Students will complete a research paper that demonstrates their ability to integrate and synthesize information obtained from the course work and also shows their ability to apply the theoretical concepts of our discipline to real world subjects. The paper will be graded by a minimum of two full-time MSIR faculty members.
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.

* *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.*

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 substitute the PA 6694 internship course for one (1) elective concentration course resulting in a total of 36 credit hours to complete the degree requirements. 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.

Admission Requirements for Master of Public Administration

Unconditional Admission

Applicants may be admitted unconditionally if they meet the

following requirements:

1. Hold a master's or higher degree from a regionally accredited institution. No test score is required. An official transcript showing completion of a master's or higher degree is required.
OR
2. Hold a baccalaureate degree from a regionally accredited college or university with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 GPA on the last 30 semester hours. All hours attempted in the term in which the 30 semester hours were reached will be used to calculate the GPA. All transcripts from all colleges or universities attended are required
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.
4. The GRE/GMAT/MAT requirement may be waived under the following conditions:
 - A. If the applicant holds a baccalaureate degree from a regionally accredited college or university or equivalent foreign university with a minimum overall undergraduate grade point average of 3.0 (4.0 scale)
OR
 - B. If the applicant holds a baccalaureate degree from Troy University with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 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.
OR
 - C. If the applicant is an officer or senior NCO in the U.S. military in good standing and holds a baccalaureate degree from an accredited college or university with a minimum overall undergraduate GPA of 2.5 (4.0 scale) or a 3.0 on the last 30 semester hours. All transcripts from all colleges or universities attended are required.

Conditional Admission

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

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

Students admitted conditionally only because of a low test score will be granted unconditional admission prior to the completion of nine semester hours provided they have maintained a 3.0 grade point average on all graduate work attempted and have retaken the test and received a satisfactory score.

Readmission of MPA Students in Good Standing

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

Transfer Credit

A maximum of 12 credit hours taken at another regionally accredited university with a grade of "B" or better can be applied to the MPA degree. These courses must be comparable in catalog description to courses in

the MPA program and recommended by the Director of the MPA Program and approved by the Dean of the Graduate School. Professional Military Education (PME) courses and programs will not be accepted as transfer credits for Public Administration core courses but may be accepted as transfer credit for elective courses.

Internship Requirements

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

Required Core Courses : (24 SH)

| | | |
|---------|---|--|
| PA 6601 | 3 | <i>Research Methods in Public Administration</i> |
| PA 6610 | 3 | <i>Foundations of Public Administration</i> |
| PA 6620 | 3 | <i>Theory of Organizations</i> |
| OR | | |
| PA 6646 | 3 | <i>Organizational Behavior</i> |
| OR | | |
| PA 6665 | 3 | <i>Leadership in Public Administration</i> |
| PA 6622 | 3 | <i>Public Policy</i> |
| PA 6624 | 3 | <i>Public Human Resource Management</i> |
| PA 6650 | 3 | <i>Governmental Budgeting and Financial Management</i> |
| PA 6674 | 3 | <i>Ethics in Public Administration</i> |
| PA 6699 | 3 | <i>Capstone in Public Administration</i> |

*Students in Nonprofit Management concentration must take PA 6631. PA 6610 must be completed prior to taking PA 6601. In special circumstances, may be waived by the department chair. PA 6601 must be completed prior to taking PA 6631.

Concentrations (12 hours)

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

- International Public Administration
- National Security Affairs
- Nonprofit Management
- Public Health Administration
- Public Human Resource Management
- Public Management

Concentrations**International Public Administration**

| | | |
|---------|---|--|
| IR 5533 | 3 | Comparative Government |
| IR 6631 | 3 | Intercultural Relations |
| PA 6608 | 3 | Comparative Public Administration |
| PA 6661 | 3 | Global Challenges in Leadership and Management |
| PA 6664 | 3 | Global Perspectives in Local Government |

National Security Affairs

| | | |
|---------|---|---|
| IR 5524 | 3 | Contemporary American Foreign Policy |
| IR 5551 | 3 | Survey of International Relations |
| IR 5540 | 3 | Conflict Processes |
| 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 |
| IR 6661 | 3 | US Intelligence in International Relations |
| IR 6655 | 3 | International Conflict Management |

Nonprofit Management*

| | | |
|---------|---|---|
| PA 6607 | 3 | Performance Measurement and Management for Public and Nonprofit Organizations |
| PA 6630 | 3 | Strategic Planning |
| PA 6631 | 3 | Program Evaluation* |
| PA 6666 | 3 | Foundations of Nonprofit Organizations |
| PA 6667 | 3 | Executive Leadership in Nonprofit Organizations |
| PA 6668 | 3 | Grant Management for Public and Nonprofit Organizations |

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

Public Health Administration

| | | |
|----------|---|---|
| PA 6663 | 3 | Global Health Administration |
| PA 6665 | 3 | Leadership in Public Administration |
| PA 6675 | 3 | Public Health Services Administration and Policy |
| PA 6676 | 3 | Legal and Social Issues in Public Health Administration |
| PA 6677 | 3 | Public Health Preparedness and Emergency Response |
| PA 66783 | | Introduction to Public Health |

Public Human Resource Management*

| | | |
|----------|--|---|
| PA 66043 | | Workforce Planning and Staffing |
| PA 66053 | | Training and Development |
| PA 66063 | | Issues in Managing the Public Workforce |
| PA 66433 | | Advanced Public Human Resources Management |
| PA 66323 | | Arbitration, Collective Bargaining, and Labor Relations |

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

Public Management

| | | |
|-----------|---|---|
| PA 6603 | 3 | Economics for Public Management |
| PA 66073 | | Performance Measurement and Management for Public Organizations |
| PA 6620 | 3 | Theory of Organizations |
| PA 6630 | 3 | Strategic Planning |
| PA 6631 | 3 | Program Evaluation |
| PA 6640 | 3 | Intergovernmental Relations |
| PA 66443 | | Administrative Law |
| PA 6645 | 3 | Management of Government Contracts |
| PA 6646 | 3 | Organizational Behavior |
| PA 66653 | | Leadership in Public Administration |
| PA 66683 | | Grant Management for Public and Nonprofit Organizations |
| PA 6679 | 3 | e-Governance |
| PA 66xx 3 | | Approved Adviser elective |

Concentration Courses

PA 6625 Specialized Study in Public Administration or PA 6660 Readings in Public Administration may be utilized in any concentration with the prior approval of the Director of the MPA Program. In combination, these courses may not be used for more than six total credit hours. A course completed for one concentration cannot be used for another concentration.

Certificate in Public Health Administration

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

Admission Requirements: Applicants who wish to pursue the Graduate Certificate in Public Health Administration must be admitted to the Graduate School. See Graduate Admissions Requirements.

Public Health Administration Concentration Requirements:

Competency Ability to appraise the organizational environment with its culture, politics, and institutional setting, both internal and external, and to perform the basic functions of public health administration, while behaving and making decisions in an ethical manner.

Course Requirements: The Graduate Certificate in Public Health Administration requires the following six courses:

| | | |
|---------|---|---|
| PA 6665 | 3 | Leadership in Public Administration |
| PA 6675 | 3 | Public Health Services Administration and Policy |
| PA 6676 | 3 | Legal and Social Issues in Public Health Administration |
| PA 6677 | 3 | Public Health Preparedness and Emergency |
| PA 6678 | 3 | Introduction to Public Health |
| PA 6663 | 3 | Global Health Administration |

Admitted MPA students may qualify for the Certificate by completing

the six required courses and maintaining an overall 3.0 GPA or better to meet certificate requirement.

Other Requirements: Students who wish to be issued a certificate must submit the following to their home campus: Certification Intent and Copy of Student Transcript.

MASTER OF SOCIAL SCIENCE

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

Mission statement

The Master of Social Science Degree (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, 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. Effectively communicate with individuals and groups from all backgrounds.
4. Develop methodologies and skills to facilitate societal change.
5. Pursue doctoral or professional school degrees.

Objectives

1. To prepare students to fulfill a need for professionals in the area of Social Science by providing educational programs that develop each student's problem solving skills to address issues that arise in the dynamic and evolving Social Sciences field;
2. To develop each student's ability to synthesize and apply knowledge of the critical theories and concepts in the field of Social Science in his/her problem solving analysis;
3. To develop each student's ability to identify and develop alternative solutions to problems that are confronted in the Social Sciences field;
4. To develop each student's ability to evaluate and appropriately choose solutions to problems confronted in the Social Sciences field;
5. To develop each student's ability to effectively communicate the

results of his/her analysis;

6. To provide an appropriate program of graduate study for students who are interested in research in the field of Social Science and in advanced graduate study.

Prerequisite Requirements

The minimum requirement for admission to the Master of Social Sciences is a baccalaureate degree from a regionally accredited four year institution. Students who desire to enter this program but do not have a degree in Social Sciences or a closely related discipline may be required to meet other criteria such as additional coursework regarding undergraduate or professional preparation.

Admission Requirements 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)
3. A letter of recommendation that addresses the applicant's potential for success in a Master of Social Science graduate program.

Unconditional Admission

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

Conditional Admission

Conditional admission does not apply to this program.

Transfer Credit

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of "B" or better can be applied toward this degree. These courses must be comparable in catalog description to Troy University courses in the Social Science Graduate Program and be approved by the department chair and college dean. No transfer credit will be accepted for the three core courses (SS 6690, SS 6691, SS 6698)

Degree 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, and SS 6698 Social Theory

Approval Process

Thesis Option

1. Achieve unconditional admission to the program;
2. Complete 9 SH of graduate level core courses;
3. Complete 6 SH of thesis classes;
4. Complete 21 SH hours of electives;
5. Maintain a minimum overall 3.0 GPA; AND
6. Submit an approved thesis proposal.
7. Thesis Option is not available for 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* |
| SS 6698* | (3) | Social Theory |

*Note: *A grade of “B” or better is required*

Electives (21/27 SH)

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

Anthropology, 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 |

Admission Requirements

Applicants who wish to pursue the Graduate Certificate in Public Health Administration must be admitted to the Graduate School. See Graduate Admissions Requirements.

Public Health Administration Concentration Requirements Competency Ability to appraise the organizational environment with its culture, politics, and institutional setting, both internal and external, and to perform the basic functions of public health administration, while behaving and making decisions in an ethical manner.

Course Requirements

The Graduate Certificate in Public Health Administration requires the following six courses:

| | | |
|---------|---|---|
| PA 6665 | 3 | Leadership in Public Administration |
| PA 6675 | 3 | Public Health Services Administration and Policy |
| PA 6676 | 3 | Legal and Social Issues in Public Health Administration |
| PA 6677 | 3 | Public Health Preparedness and Emergency Response |
| PA 6678 | 3 | Introduction to Public Health |
| PA 6663 | 3 | Global Health Administration |

Admitted MPA students may qualify for the Certificate by completing the six required courses and maintaining an overall 3.0 GPA or better to meet certificate requirement.

Other Requirements

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

- Certification Intent
- Copy of Student Transcript

CERTIFICATE IN PUBLIC HEALTH ADMINISTRATION

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

2019-2020

TROY UNIVERSITY
M.S. - BIOMEDICAL SCIENCES (BMS)
 Graduate Degree Plan and Progress Record
30-31 Semester-Hour Program

TROY Publication 384-323
 Created: 3/2019

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

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, test scores admitted
2. Official transcript(s)
3. Unconditional Admission
4. 30-31 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)

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|--|------|-------|-----------|-----------------|
| BMS 6615 | Medical Microbiology and Immunology | 3 | | | |
| BMS 6620 | Neuroscience | 3 | | | |
| BMS 6625 | Medical Cell Biology | 3 | | | |
| BMS 6635 | Medical Physiology | 3 | | | |
| BMS 6655 | Clinical Biochemistry | 3 | | | |
| BIO 6691 | Research Methodology and Experimental Design | 3 | | | |

THESIS OPTION (6 Semester Hours)

| | | | | | |
|----------|--------|-----|--|--|--|
| BMS 6695 | Thesis | 3-6 | | | |
|----------|--------|-----|--|--|--|

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

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

ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Test Scores | | |

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

PREREQUISITE COURSES *Required for students with Bachelor's Degree outside the field of Computer Science*

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|--------------------|--|------|-------|-----------|-----------------|
| MTH 2215 | Applied Discrete Mathematics | 3 | | | |
| CS 2250 | Computer Science I | 3 | | | |
| CS 2255 or CS 3360 | CS II or Concepts of Object Oriented Programming I | 3 | | | |
| CS 3310 | Foundations of Computer Science | 3 | | | |
| CS 3323 | Data Structures | 3 | | | |

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

REQUIRED CORE COURSES (9 Semester Hours)

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

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

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

Thesis Option Required Courses: (12 Semester Hours)

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

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

| | | | | | |
|--|--|--|--|--|--|
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2019-2020

M.S. in Computer Science
 TROY Publication 384-255
 Revised: 3/2019
 Page 2 of 2

ITEMS TO BE DISCUSSED:

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

Progress:

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

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM

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

PREREQUISITE COURSES *Required for students with Bachelor's Degree outside the field of Computer Science*

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|--------------------|--|------|-------|-----------|-----------------|
| MTH 2215 | Applied Discrete Mathematics | 3 | | | |
| CS 2250 | Computer Science I | 3 | | | |
| CS 2255 or CS 3360 | CS II or Concepts of Object Oriented Programming I | 3 | | | |
| CS 3310 | Foundations of Computer Science | 3 | | | |
| CS 3323 | Data Structures | 3 | | | |

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

REQUIRED CORE COURSES (9 Semester Hours)

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

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

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

Thesis Option Required Courses: (12 Semester Hours)

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

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

| | | | | | |
|--|--|--|--|--|--|
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2019-2020

M.S. in Computer Science
 TROY Publication 384-256
 Revised: 3/2019
 Page 2 of 2

ITEMS TO BE DISCUSSED:

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

Progress:

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

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM

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:

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. GRE test score 2. Official transcript 3. Unconditional Admission 4. 33 Semester hours of credit 5. Meet residency requirements 6. No more than two grades below "B" | <ol style="list-style-type: none"> 7. Overall GPA of 3.0 8. Completion of research requirement with a "B" or better 9. All credit earned within 8 years of graduation 10. Successfully complete comprehensive exam or thesis 11. Intent to Graduate filed |
|---|--|

PREREQUISITE COURSES *Required for students with Bachelor's Degree outside the field of Computer Science*

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|--------------------|--|------|-------|-----------|-----------------|
| MTH 2215 | Applied Discrete Mathematics | 3 | | | |
| CS 2250 | Computer Science I | 3 | | | |
| CS 2255 or CS 3360 | CS II or Concepts of Object Oriented Programming I | 3 | | | |
| CS 3310 | Foundations of Computer Science | 3 | | | |
| CS 3323 | Data Structures | 3 | | | |

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

REQUIRED CORE COURSES (9 Semester Hours)

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

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

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

Thesis Option Required Courses: (12 Semester Hours)

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

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

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2019-2020

M.S. in Computer Science
 TROY Publication 384-257
 Revised: 3/2019
 Page 2 of 2

ITEMS TO BE DISCUSSED:

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

Progress:

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

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM

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:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Official transcript(s) 2. Unconditional Admission 3. 30/36 Semester hours of credit 4. Meet residency requirements 5. No more than two grades below "B" | <ol style="list-style-type: none"> 6. Completion of research requirement with a "B" or better 7. All credit earned within 8 years of graduation 8. Successfully complete comprehensive exam or thesis 9. Intent to Graduate filed |
|--|---|

REQUIRED CORE COURSES (15 Semester Hours)

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

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

| | | | | | |
|---------|------------------------------|---|--|--|--|
| CJ 6690 | Capstone in Criminal Justice | 3 | | | |
|---------|------------------------------|---|--|--|--|

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

| | | | | | |
|---------|--|---|--|--|--|
| CJ 6694 | Statistics for Criminal Justice Research | 3 | | | |
| CJ 6695 | Thesis | 3 | | | |

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.***

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ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Test Scores | | |

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 | 7. Overall GPA of 3.0 |
| 2. Official transcript(s) | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission | 9. All credit earned within 8 years of graduation |
| 4. 36 Semester hours of credit | 10. Successfully complete comprehensive exam or thesis |
| 5. Meet residency requirements | 11. Intent to Graduate filed |
| 6. No more than two grades below "B" | |

REQUIRED CORE COURSES (12-15 Semester Hours)

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|--|------|-------|-----------|-----------------|
| IR 5551 | Survey of International Relations | 3 | | | |
| IR 6601 | Research Methods in International Relations | 3 | | | |
| IR 6620 | International Political Economy | 3 | | | |
| IR 6652 | Theory & Ideology of International Relations | 3 | | | |
| IR 6690 | Capstone | 3 | | | |

Global Studies
 National Security Affairs
 Regional Affairs

CONCENTRATION COURSES: (21 Semester Hours)

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

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THESIS OPTION*: Complete 18 sh of selected concentration courses plus thesis courses. Must register for Thesis courses as the last two courses in the program.

* Not available to eTROY students.

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|---------|--------|---|--|--|--|
| IR 6668 | Thesis | 3 | | | |
| IR 6669 | Thesis | 3 | | | |

ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Test Scores | | |

2019-2020

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

TROY Publication 384-262
 Revised: 3/2019

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

DEGREE REQUIREMENTS:

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

REQUIRED CORE COURSES (24 Semester Hours)

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|--|------|-------|-----------|-----------------|
| PA 6601 | Research Methods in Public Administration | 3 | | | |
| PA 6610 | Foundations of Public Administration <i>(Complete w/in first 9 sh)</i> | 3 | | | |
| | Select One of the following: PA 6620 OR PA 6646 OR PA 6665 Leadership in PA | 3 | | | |
| PA 6622 | Public Policy | 3 | | | |
| PA 6624 | Public Human Resource Management | 3 | | | |
| PA 6650 | Governmental Budgeting and Financial Management | 3 | | | |
| PA 6674 | Ethics in Public Administration | 3 | | | |
| PA 6699 | Capstone in Public Administration <i>(Final course of program)</i> | 3 | | | |

* Nonprofit Management Concentration must take PA 6631 Program Evaluation

CONCENTRATION: (12 Semester Hours) International Public Administration National Security Affairs
 Nonprofit Management Public Health Administration Public Human Resource Management Public Management

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

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|---|--|--|--|
| 3 | | | |
|---|--|--|--|

ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Test Scores | | |

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. Official transcript(s) | 6. Overall GPA of 3.0 |
| 2. Unconditional Admission | 7. Completion of research requirement with a "B" or better |
| 3. 30/36 Semester hours of credit | 8. All credit earned within 8 years of graduation |
| 4. Meet residency requirements | 9. Successfully complete comprehensive exam or thesis |
| 5. No more than two grades below "B" | 10. Intent to Graduate filed |

REQUIRED CORE COURSES (9 Semester Hours)

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|---|------|-------|-----------|-----------------|
| SS 6690 | Seminar in Social Sciences | 3 | | | |
| SS 6691 | Survey of Research Methods in Social Sciences | 3 | | | |
| SS 6698 | Social Theory | 3 | | | |
| | | 3 | | | |
| | | 3 | | | |

THESIS OPTION ADDITIONAL REQUIRED COURSES: (6 Semester Hours)

| | | | | | |
|---------|------------------|---|--|--|--|
| SS 6693 | Thesis Practicum | 3 | | | |
| SS 6695 | Thesis | 3 | | | |

ELECTIVES: (21-27 Semester Hours)

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ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Test Scores | | |

2019-2020

TROY Publication 384-326

Created 3/2019

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(s)
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)

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|-------------------------------------|------|-------|-----------|-----------------|
| BMS 6615 | Medical Microbiology and Immunology | 3 | | | |
| BMS 6620 | Neuroscience | 3 | | | |
| BMS 6625 | Medical Cell Biology | 3 | | | |
| BMS 6635 | Medical Physiology | 3 | | | |
| BMS 6655 | Clinical Biochemistry | 3 | | | |

ELECTIVE COURSES (3-4 Semester Hours): *Select one advisor approved elective with corresponding lab if applicable*

| COURSE NO. | TITLE | HRS. | GRADE | TERM / YR | TRANSFER CREDIT |
|------------|-------|------|-------|-----------|-----------------|
| | | 3 | | | |
| | | 1 | | | |

ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Residency | | |
| Test Scores | | |

TROY UNIVERSITY
GRADUATE CERTIFICATE IN PUBLIC HEALTH ADMINISTRATION
 Certificate Plan and Progress Record
 Certificate Verification
18 Semester-Hours

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

DEGREE REQUIREMENTS:

1. Admitted to the MPA program
2. Official transcript(s)
3. Unconditional Admission
4. 18 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: (18 Semester Hours)

| COURSE NO. | TITLE | HRS | GRADE | TERM/YR | TRANSFER CREDIT |
|------------|---|-----|-------|---------|-----------------|
| PA 6665 | Leadership in Public Administration | 3 | | | |
| PA 6675 | Public Health Services Administration and Policy | 3 | | | |
| PA 6676 | Legal and Social Issues in Public Health Administration | 3 | | | |
| PA 6677 | Public Health Preparedness and Emergency Response | 3 | | | |
| PA 6678 | Introduction to Public Health | 3 | | | |
| PA 6663 | Global Health Administration | 3 | | | |

ITEMS TO BE DISCUSSED:

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

ADMISSION STATUS:

| TYPE | DATE | INITIALS |
|---------------|------|----------|
| Conditional | | |
| Unconditional | | |
| Residency | | |
| Test Scores | | |