

COLLEGE OF ARTS AND SCIENCES

College of Arts and Sciences

Degree Program	Troy	Phenix City	Atlantic Region	Florida/Western Region	Pacific Region	Southeast	Dothan	Montgomery
Computer Science								X
Criminal Justice	X*		X*			X		
International Relations	X*		X	X	X	X	X	
Public Administration	X*		X	X		X		
Environmental & Biological Sciences	X							

MASTER OF SCIENCE IN COMPUTER SCIENCE

PROGRAM OBJECTIVES

The Master of Science in Computer Science is designed to provide advanced study and development for students who have a basic understanding of the concepts and methodologies central to professional success in the field. The objectives of the program are to:

1. Provide students with opportunities to refine their skills and core competencies in computer and information science through the advancement and development of concepts, techniques, and methodologies appropriate in the field.
2. Facilitate the development of advanced skills in an environment which will ensure both a realistic and varied exposure to contemporary information processing problems.
3. Promote the integration and application of cutting edge concepts and approaches in the computer and information science field.

ADMISSION REQUIREMENTS

1. A student must have earned a bachelor's degree in computer and information science or a related field from a regionally accredited four-year college or university.
2. A student must meet the grade point average and test score requirements as follows:
 - a. A minimum overall undergraduate grade point average of 2.5 (on a 4.0 scale) or a 3.0 grade point average (on a 4.0 scale) for the last 27 semester hours (45 quarter hours).
 - b. A score of 1000 on the Graduate Record Examination (GRE)

3. A working knowledge of discrete mathematics. This requires completion of CS 3312 or its equivalent.

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements. Individuals admitted on a conditional basis may satisfy the requirements for unconditional admission as follows:

1. Students must have their GRE test score on file with the admissions office by the completion of the FIRST semester in which they are enrolled in CS courses.
2. Students failing to achieve the minimum score of 1000 may satisfy the GRE test requirement by successfully completing 12 semester hours of graduate CS courses with a minimum grade point average of 3.0 (on a 4.0 scale).
3. Students not having a 2.5 undergraduate grade point average may satisfy the requirement by successful completion of 12 semester hours of graduate CS courses with a minimum grade point average of 3.0 (on a 4.0 scale).
4. A student with a bachelor's degree outside the field of computer and information science may satisfy the bachelor's degree requirement by completing ALL of the following (see adviser for specifics):

CS 2244	3	Computer Science I
CS 2260	3	Computer Science II
CS 2261	3	Foundations in Computer Science
CS 3312	3	Discrete Mathematics
CS 3323	3	Data Structures
CS 3357	3	Logical Structures of Computer Design

Additional courses may be required by the CS Graduate Adviser depending on the student's background. A student must complete all courses with a grade point average of 3.0 (on a 4.0 scale).

DEGREE OPTIONS

There are two degree options: thesis and non-thesis. In the thesis option, the student must be admitted to candidacy prior to successfully completing and defending a thesis, in addition to completing the requirements as stated below. In the non-thesis option, the student must pass a comprehensive exam and must successfully complete a research project and write a paper about that project.

ADMISSION TO CANDIDACY

Admission to the program for the M.S. in Computer Science does not constitute official admission to candidacy. The student must be admitted to candidacy for the degree at least one semester prior to the anticipated semester of graduation. To be eligible for admission to candidacy, students must meet the following requirements:

Thesis	Non-Thesis
1. Achieved unconditional admission to the program;	1. Achieved unconditional admission to the program;
2. Completed at least 15 SHs of course work at Montgomery;	2. Completed at least 6 SHs of course work at Montgomery (not including transfer credit);
3. Maintained a minimum overall 3.0 GPA; AND	3. Maintained a minimum overall 3.0 GPA; AND
4. Completed an approved thesis proposal.	4. Completed an approved research project or paper.*

*See Approval Process for Thesis below.

DEGREE REQUIREMENTS

The requirements for the degree are admission to candidacy, the successful completion of 5 graduate-level core courses and 3-5 elective courses (altogether 30SHs for the thesis option and 31 SHs for the non-thesis option) with an overall grade point average of 3.0, and successful completion of a candidacy paper or a thesis.

Thesis*	Non-Thesis
1. Admittance to candidacy;	1. Admittance to candidacy (see above requirements);
2. Completion and successful defense of thesis;	2. Maintenance of a minimum overall 3.0 GPA;
3. Maintenance of a minimum overall 3.0 GPA; AND	3. Completion of 31 SHs of graduate-level coursework including 1SH of CS 6699; AND
4. Completion of 30 SHs of graduate-level coursework including 6SHs of thesis course CS 6699.	4. Passing the comprehensive examination.

*APPROVAL PROCESS FOR THESIS AND NON-THESIS RESEARCH PROJECTS

Thesis Approval Process

The thesis proposal and the thesis itself must be approved by a three member department committee -- one of whom may be outside of the CS department, CS department chair, Dean of College of Business and the Dean of the Graduate School.

Non-Thesis Approval Process

The research supervisor must approve the research proposal. The research project and related paper must be approved by a three-member department committee -- one of whom may be outside of the CS department, CS department chair, Dean of College of Business, and the Graduate Dean.

SUBMISSION OF THESIS OR RESEARCH PAPER

The research paper or thesis must be submitted one semester prior to the anticipated semester of graduation.

In the thesis option, three approved copies are necessary to be bound for distribution. In the non-thesis option, two approved copies are necessary, one of which will be kept by the CS department.

COURSE INFORMATION

Core Courses (15 Hours)

CS	5543	3	Software Engineering
CS	5545	3	Computer Architecture
CS	5546	3	Information Organization and Retrieval
CS	5547	3	Applied Systems Analysis
CS	5548	3	Systems Programming and Operating Systems

Elective Courses (15 Hours)

CS	6640	3	Data Base Management Systems
CS	6641	3	Society and Information Systems
CS	6643	3	Theory and Design of Compilers
CS	6644	3	Applied Computing Techniques
CS	6646	3	Information Systems for Operations and Management
CS	6647	3	Operations Analysis and Modeling
CS	6648	3	Operations Research
Other elective (approved by adviser)			
CS	6625	1-3	Special Study in CS
CS	6649	3	Special Topics in computer and Information Science
CS	6699	3-6	Research and Thesis
TOTAL		(30)	

OPTIONS

Thesis Option

5 Core Courses	(15)
3 Electives	(9)
Thesis	(6)
TOTAL	(30)

Non-Thesis Option*

5 Core Courses	(15)
5 Electives	(15)
Research	(1)
TOTAL	(31)

* Includes a research project and a comprehensive examination.

MASTER OF SCIENCE IN CRIMINAL JUSTICE

The Master of Science degree in Criminal Justice is designed to broaden and enhance each student’s ability to understand, analyze and evaluate issues that confront the American criminal justice system. Included in the objectives of the program’s core coursework are (a) to prepare students to understand, analyze and evaluate the principles and functions of personnel administration in criminal justice applications; (b) to prepare students to understand, analyze and evaluate trends and developments affecting the interpretation of the U.S. Constitution in light of historical case precedent; (c) to prepare students to understand, analyze and evaluate issues that affect the structure and functioning of the criminal justice system; and (d) to understand, analyze and evaluate the effectiveness of the American judicial process with respect to its legal basis, organization and management. 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 their 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 their knowledge of current theories and concepts;
4. to develop each student’s ability to evaluate and appropriately choose solutions to problems that confront the criminal justice system;
5. to develop each student’s ability to effectively communicate the results of his/her analysis.
6. to provide students who seek administrative and managerial positions in the field of criminal justice with the credentials to qualify for those positions;
7. to provide an appropriate program of graduate study for students who are interested in research in the field of criminal justice and in advanced graduate study.

PREREQUISITE REQUIREMENTS

The minimum requirement for admission to the Master of Science program in Criminal Justice is a baccalaureate degree from a regionally accredited four-year institution. Students who desire to enter this program but do not have a degree in criminal justice, police administration, law enforcement, or corrections may be required to meet other criteria such as additional coursework

regarding undergraduate or professional preparation. Significant professional experience may be considered. However, admission to the program does not imply official admission for the degree.

ADMISSION REQUIREMENTS FOR MASTER OF SCIENCE IN CRIMINAL JUSTICE

Unconditional Admission

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

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 850– verbal plus quantitative, MAT 385 or 33).

Conditional Admission

Students not satisfying the requirements stated in “A (2 or 3)” above may be conditionally admitted to the program. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission. Students thus admitted must complete nine semester hours with a “B” or better average. After completion of the first nine semester hours with a “B” or better average, a student will be granted unconditional admission. Students not satisfying conditional admission requirements will be dropped from the program for one calendar year, after which time the student must petition for readmission.

CURRICULUM

All courses offer three semester hours credit.

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 appropriate main campus dean/department chair. If the student transfers a “core” or “required course,” he/she is still subject to a written comprehensive exam based on the material presented at Troy University.

REQUIREMENTS FOR ADMISSION TO CANDIDACY

1. To be admitted to candidacy, students must have a 3.0 GPA on all work attempted.
2. Unconditionally admitted graduate students may apply for admission to candidacy for a degree after completing six semester graduate hours at Troy University. A student will be admitted to candidacy the term following completion of 12 semester hours.

DEGREE REQUIREMENTS

Any student completing the course work with a 3.0 GPA or better, fulfilling candidacy requirements, successfully completing the required comprehensive examinations (for CJ 6610, 6620, 6622 and 6624) and the research requirement (CJ 6650), 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 the student makes a "D" or "F" in an elective course, the course may be retaken or another elective taken in its place.)

Required Courses (12 credits)

CJ	6610	3	Principles of Administration
CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6624	3	Court Administration

Electives (18 credits)

Select any 18 hours of graduate course work from the following:

CJ	5571	3	Probation, Pardons, and Parole
CJ	6621	3	Current Issues in Corrections
CJ	6625	3	Specialized Study
CJ	6630	3	Juvenile Justice
CJ	6635	3	Community-Based Corrections/ Correctional Systems
CJ	6636	3	Criminological Theory
CJ	6638	3	Seminar in Civil Liberties Related to Corrections
CJ	6640	3	Seminar in Law Enforcement
CJ	6644	3	Administrative Law
CJ	6649	3	Statistics for Criminal Justice Re- search
CJ	6650	3	Survey of Research Methods in Criminal Justice
CJ	6652	3	Seminar in Corrections
CJ	6655	3	Special 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
CJ	6694	3	Thesis Practicum
CJ	6695	3	Thesis

TOTAL**30 Hours**

OR

(Thesis option)

Required Courses (as above):	12 hours
Thesis Practicum	3 hours
Thesis:	3 hours
Electives	18 hours
TOTAL	36 hours

MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

The Master of Science in Environmental Analysis and Management is designed to broaden the student's perspective and understanding of environmental problems and their solutions. The Program prepares students to understand the interdisciplinary nature of environmental analysis and management, the application of empirical and theoretical knowledge in specific areas of the environmental field, the resolution of environmental conflicts, and the communication of this information to others. The Program objectives are listed below:

1. To provide students with the conceptual foundations for addressing local, regional, and global environmental issues from the perspectives of resources management, technical analysis and interpretation, communication, policy, compliance, and administration
2. To teach students the technical skills for conducting environmental research in the areas of natural resources management, environmental chemistry, and toxicology
3. To demonstrate how the environmental and biological sciences provide the technical and scientific underpinnings for addressing many social, economic, and political problems

PREREQUISITE REQUIREMENTS

Candidates for admission must have a baccalaureate degree, preferably in a technical subject area. Candidates should have completed foundation courses in the biological sciences, one year of general chemistry, and one course in statistics.

ADMISSION REQUIREMENTS FOR MASTER OF SCIENCE IN ENVIRONMENTAL ANALYSIS AND MANAGEMENT

To apply for admission to the graduate program in Environmental Analysis and Management, applicants must submit the following materials:

- Completed Application for Admission to the Graduate School
- Official transcript(s) from undergraduate and other graduate schools
- Official copy of GRE or MAT scores
- Student medical record or health certificate
- Letters (two) of recommendation

- Statement of interest
- Résumé listing professional experience, certifications, and other preparations

Unconditional Admission

Unconditional admission may be granted to students who fulfill the following requirements:

- 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
- Demonstrate an adequate academic background in the sciences that includes natural or biological sciences, general chemistry, and statistics
- Earn at least 850 on the Graduate Record Examination (GRE) (Combined verbal and quantitative) or a score of at least 33 or 385 on the Miller Analogies Test (MAT)

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 Catalogue. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

Students with academic deficiencies (course work, GPA, GRE, or MAT scores) might be required to complete additional course work before being granted unconditional admission to the program.

TRANSFER CREDIT

A maximum of 12 semester hours taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalogue 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.

REQUIREMENTS FOR ADMISSION TO CANDIDACY

To be admitted to candidacy, students must have completed a minimum of 10 semester hours in the Program and have attained a minimum 3.0 GPA on all work attempted, including a minimum grade of 3.0 (4.0 scale) in EAM 6691. 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.

DEGREE REQUIREMENTS

- Unconditional Admission
- Admission to Candidacy
- Completion of curriculum listed below
- Successful completion of EAM 6691 with a "B" or better
- Overall 3.0 GPA

- 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 Analysis and Management.

GRADUATE ASSISTANTSHIPS

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

CORE COURSES AND CONCENTRATIONS

Required Core Courses (10 hours)

EAM	6601	3	Environmental Ethics, Policy and Law
EAM	6630	3	Pollution Science
EAM	L630	1	Pollution Science Lab
EAM	6691	3	Research Methodology and Experimental Design

Resources Management Concentration

Non-Thesis Option (26 hours)

A) Required courses:

EAM	6603	3	Environmental Management
EAM	6612	3	Environmental Impact Studies/Risk Management
EAM	6650	3	Spatial Analysis Using GIS
EAM	L650	1	Spatial Analysis Using GIS Lab

B) Electives (16 hours)

Thesis Option (20 hours minimum)

A) Select one course:

EAM	6603	3	Environmental Management
EAM	6612	3	Environmental Impact Studies/Risk Management
EAM	6650	3	Spatial Analysis Using GIS
EAM	L650	1	Spatial Analysis Using GIS Lab

B) Electives (10-14 hours)

C) EAM 6695 2-6 Thesis Research

Environmental Chemistry and Toxicology Concentration

Non-Thesis option (26 hours)

A) Required courses:

EAM	6609	3	Environmental Chemistry
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EAM	L609	1	Environmental Chemistry Lab
EAM	6621	3	Environmental Toxicology

B) Select one course with its corresponding lab:

BIO	5513	3	Limnology
BIO	L513	1	Limnology Lab
BIO	5516	3	Environmental Microbiology
BIO	L516	1	Environmental Microbiology Lab

C) Electives (15 hours)

Thesis option (20 hours minimum)

A) *Required courses:*

EAM	6609	3	Environmental Chemistry
EAM	L609	1	Environmental Chemistry Lab
EAM	6621	3	Environmental Toxicology

B) *Select one course with its corresponding lab:*

BIO	5513	3	Limnology
BIO	L513	1	Limnology Lab
BIO	5516	3	Environmental Microbiology
BIO	L516	1	Environmental Microbiology Lab

C) Electives 3-6 hours

D) EAM 6695 2-6 Thesis Research

foreign policy studies, political economy, geography, conflict management, national security, international organization and law, intercultural relations, and developing states.

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 have included 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

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

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 920 – verbal plus quantitative, MAT 40, GMAT 490).

Conditional Admission

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

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 MSIR program and must be approved by the Dean of Arts and Sciences or Chair of the Department of Political Science.

MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

PROGRAM OVERVIEW AND OBJECTIVES

World politics has undergone a profound alteration over the past two decades. The collapse of the former Soviet Union, the evolution of the European Union, recent events in the Middle East and Central Asia, as well as the rise of non-state power centers such as al-Qa'ida, clearly demonstrate a significant paradigm shift in international affairs. The Cold War, which dominated global events for nearly five decades, is over. Yet, what replaces the institutions of that era is not altogether clear. What is clear is that the world community is increasingly interdependent, traditional identities and cultural norms are challenged, and new conflicts 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 the foundation and knowledge needed for understanding the conduct of international relations. Students are encouraged to gain a wide-ranging appreciation for the political, historical, cultural, economic, and geographical factors that affect international relations. This appreciation is accomplished through an interdisciplinary course of instruction that draws upon a variety of resources. In addition, students develop methodological, analytical, and theoretical skills necessary for understanding and evaluating the impact of global and national issues on world events.

The program offers courses covering an array of topical areas such as history, regional studies, comparative government,

REQUIREMENTS FOR ADMISSION TO CANDIDACY

1. To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. If the student makes a “D” or “F” in a core course, the course must be retaken. If the student makes a “D” or “F” in an elective course, the course may be retaken or another elective taken in its place.
2. Unconditionally admitted graduate students may apply for admission to candidacy after completing six semester graduate hours and requirements as outlined for the specific degree program. A student will be admitted to candidacy the term following completion of 12 semester hours.

DEGREE REQUIREMENTS

1. Unconditional admission
2. Overall 3.0 GPA
3. Completion of the curriculum listed below
4. Successful completion of comprehensive examination or a thesis
5. Successful completion (“B” or better) of program research requirement – IR 6601
6. Admission to candidacy

CURRICULUM

All courses offer three semester hours credit.

The MSIR curriculum of study consists of three integral components.

- I. Four core required courses
- II. The selection and completion of a program concentration
- III. The successful completion of a comprehensive examination OR the preparation and defense of a Master’s Thesis

CORE REQUIRED COURSES -- All MSIR students must take these four courses:

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

CONCENTRATION -- Students must choose ONE of the following concentrations:

- Global Studies
- National Security Affairs
- Regional Affairs

GLOBAL STUDIES CONCENTRATION

Students may choose any eight of the following courses:

GEO	5506	3	Urbanism
GEO	5511	3	Demography
GEO	5526	3	Geography of the Russian Realm

GEO	6624	3	Geographic Characteristics of the Developing Realm
HIS	5503	3	Contemporary Europe
HIS	5504	3	Military History of the United States
HIS	5510	3	Modern England
HIS	5515	3	Contemporary America, 1945 to Present
HIS	5523	3	U.S. Diplomatic History
HIS	5532	3	Russia to 1861
HIS	5533	3	Russia since 1861
HIS	5545	3	Modern Germany
HIS	5551	3	The Far East
HIS	5583	3	Latin American States
HIS	6614	3	Contemporary Japan
HIS	6615	3	Seminar in Latin American History
IR	5502	3	International Political Geography
IR	5524	3	Contemporary American Foreign Policy
IR	5533	3	Comparative Government
IR	5552	3	International Law
IR	5570	3	Politics of Southeast Asia
IR	6600	3	Selected Topics in International Relations
IR	6602	3	Geostrategic Studies
IR	6610	3	International Organizations
IR	6625, 6626, 6627	3	Specialized Study in International Relations
IR	6629, 6630	3	Seminar in International Relations
IR	6631	3	Intercultural Relations
IR	6633	3	Developed and Developing Nations
IR	6634	3	Tradition, Revolution, and Change
IR	6635	3	National Security Policy
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR	6642	3	Russia and Eastern Europe
IR	6644	3	Middle East in World Affairs
IR	6645	3	Asia in World Affairs
IR	6647	3	Western Europe in World Affairs
IR	6648	3	Sub-Saharan Africa in World Affairs
IR	6653	3	Political Psychology
IR	6654	3	Media, Technology, and International Politics
IR	6655	3	International Conflict Management
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations
IR	6665	3	Readings in International Relations
IR	6668	3	Thesis
IR	6669	3	Thesis
IR	6670	3	United Kingdom in World Affairs
IR	6672	3	Germany in World Affairs
IR	6675	3	Central America in World Affairs
IR	6676	3	Japan in World Affairs
IR	6677	3	China in World Affairs
IR	6681	3	Tribalism and Colonialism in Africa
IR	6685	3	Terrorism and Political Violence
IR	6686	3	Drug Politics in the Americas

IR	6687	3	Free Trade and Economic Integration in the Americas
IR	6688	3	Islamic Fundamentalism
IR	6612	3	Comparative Public Policy
PA	6612	3	Comparative Public Administration

NATIONAL SECURITY AFFAIRS CONCENTRATION

Students must choose any four of the following courses:

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

Free electives:

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

REGIONAL AFFAIRS CONCENTRATION

Core Courses

Students must take each of the following courses:

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

Concentration Relevant Electives

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

Latin America

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

Europe

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

Asia

GEO	5526	3	Geography of the Russian Realm
HIS	5551	3	The Far East

HIS	6614	3	Contemporary Japan
IR	6640	3	Government and Politics of Developing Nations
IR	6645	3	Asia in World Affairs
IR	6676	3	Japan in World Affairs
IR	6677	3	China in World Affairs

Free electives

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

The third component of the MSIR degree program is the successful completion of ONE of the following options:

1. **Comprehensive Examination** – Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time faculty and submitted to the College of Arts and Sciences for review. Troy University faculty and staff administer comprehensive examinations.
2. **Thesis** — Students choosing the thesis option must register for IR 6668 (3 credit hours) and IR 6669 (3 credit hours) as their last two courses in the program. They must then successfully research, write, and defend a thesis. 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 no letter grade for the two thesis courses, only a Pass or a Fail. Students completing this option are not required to take the Comprehensive Examination.

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

MASTER OF PUBLIC ADMINISTRATION

Mission and Objectives

The Troy University Master of Public Administration (MPA) program provides quality graduate professional education for individuals associated with public and nonprofit sectors by integrating teaching, research and service activities. The MPA program educates students in public administration, developing and enhancing professional competency and leadership by (1) encouraging students to develop sound intellectual foundations;

- (2) enabling students to build skill competency required for success in administrative, managerial, analytical, and leadership roles;
- (3) fostering an understanding of values and ethics emphasizing diversity and democratic principles;
- (4) promoting the professional development of students;
- (5) facilitating an appreciation for interdisciplinary approaches and cooperative relationships; and
- (6) requiring research and service activities that apply public administration knowledge.

MASTER OF PUBLIC ADMINISTRATION

The MPA degree is a 12-course, 36-credit-hour curriculum of study. Students with less than one-year of work experience will complete an additional three-hour internship course for a total of 39 credit hours. Students may take courses as pre-service, in-service, full-time, and part-time students and through Distance Learning. The MPA degree program is offered at University College sites throughout the United States, through Distance Learning, and at the Troy campus.

ADMISSION REQUIREMENTS

Unconditional Admission

1. Applicants who have completed a master's or higher degree from a regionally accredited university are admitted unconditionally. No test score is required. An official transcript showing completion of a master's or higher degree and a letter of recommendation that addresses the individual's potential for success in the MPA program and his/her written and oral communication skills are required.
2. Other applicants must meet the following requirements:
 - (a) Hold a baccalaureate degree from a regionally accredited college 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 are used to calculate the grade point average. All transcripts from all colleges or universities attended are required.
 - (b) Have an acceptable score on the appropriate entrance exam: GRE 920 verbal and quantitative, MAT 40, or GMAT 490.
 - (c) Provide a letter of recommendation that addresses the individual's potential for success in the MPA program and his/her written and oral communication skills.

Conditional Admission

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

Baccalaureate Degree Holders:

Students who earned a baccalaureate degree from a regionally accredited college or university but lack the required grade point average and/or acceptable test score for unconditional admission may be granted conditional admission for a maximum of nine credit hours if they meet all minimum admission requirements.

Minimum Admission Requirements for Conditional Admission Status:

1. A baccalaureate degree from a regionally accredited college 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 are used to calculate the grade point average. All transcripts from all colleges or universities attended are required.
2. An acceptable score on the appropriate entrance exam: GRE 920 verbal and quantitative, MAT 40, or GMAT 490.
3. A letter of recommendation that addresses the individual's potential for success in the MPA program and his/her written and oral communication skills.

Conditional Status:

- Students admitted under conditional status may, with the consent of their major adviser, enroll in as many as nine credit hours during their first term.
- Students admitted conditionally due to a low grade point average are cleared of their conditional status if, at the conclusion of nine credit hours, they have achieved a 3.0 grade point average or greater on all graduate work attempted.
- Students admitted conditionally due to a low test score are granted unconditional admission prior to the completion of nine hours provided they have maintained a 3.0 grade point average or have retaken the test and received a satisfactory score.
- Students must clear the conditional admission requirement of a 3.0 average at the conclusion 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 Graduate Studies and Research to re-enter.

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 degree. These courses must be comparable in *Bulletin* description to courses in the MPA program and must be approved by the Dean of Arts and Sciences or the Director of the MPA Program. No more than nine approved Professional Military Education hours may be used toward the transfer maximum of 12 credit hours.

REQUIREMENTS FOR ADMISSION TO CANDIDACY

1. Unconditionally admitted MPA students may apply for admission to candidacy after completing six credit hours and the MPA requirements as outlined for the MPA degree. A student is admitted to candidacy the term following the completion of 12 credit hours.
2. To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. If the student makes a "D" or "F" in a core course, the core course must be retaken. If the student makes a "D" or "F" in an elective course, the elective course may be retaken or another elective taken in its place.
3. PA 6699, Capstone in Public Administration, must be taken as the final core course or, with the approval of the instructor, in conjunction with the final core course in the MPA program. The student must have a 3.0 grade point average to take this course and must achieve at least a grade of "B" to successfully complete this course.

4. Students with less than one year work experience in a para-professional, professional, technical, or supervisory position are required to complete PA 6694, Internship, for an additional three credit hours to the 36-hour program. The Internship cannot be used to satisfy an elective or core course requirement.

DEGREE REQUIREMENTS

1. Unconditional Admission
2. Overall 3.0 GPA
3. Admission to candidacy
4. Successful completion of PA6601 Research Methods in Public Administration with a grade of "B" or better
5. Successful completion of PA6699, Capstone in Public Administration, with a grade of "B" or better
6. Completion of MPA Degree curriculum

CURRICULUM

The MPA degree curriculum consists of 12 courses including nine core courses and three elective courses from one concentration. All courses offer three hours of credit except PA 6660, which offers one to three hours.

Required Core Courses (27 hours)

I. All MPA degree seeking students must take these seven courses:

PA	6601	3	Research Methods in Public Administration
PA	6610	3	Foundations of Public Administration
PA	6620	3	Organization Theory or PA 6646 Organizational Behavior
PA	6622	3	Public Policy Analysis
PA	6624	3	Public Human Resource Management
PA	6650	3	Governmental Budgeting
PA	6699	3	Capstone in Public Administration

II. Students must select one of the following courses:

PA	6602	3	Quantitative Methods in Public Management
PA	6603	3	Economics for Public Management
PA	6631	3	Program Evaluation

III. Students must select one of the following courses:

PA	6640	3	Intergovernmental Relations
PA	6644	3	Administrative Law
PA	6674	3	Ethics in Public Administration

Concentrations (nine hours)

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

- Education
- Environmental Management
- Government Contracting
- Health Care Administration

- Justice Administration
- Management Information Systems
- National Security Affairs
- Nonprofit Management
- Public Human Resource Management
- Public Management

CONCENTRATIONS

EDUCATION

EDU	6615	3	Social and Philosophical Foundations of American Education
EDU	6651	3	Comparative Education
EDU	6652	3	Issues in Education
EDU	6660	3	Current Trends in Education
PSY	6631	3	Psychological Foundations of Education

ENVIRONMENTAL MANAGEMENT

EAM	6601	3	Environmental Ethics, Policy, and Law
EAM	6603	3	Environmental Management
EAM	6611	3	Global Pollution and International Environmental Policy
EAM	6612	3	Environmental Impact Studies and Risk Management
EAM	6613	3	Environmental Economics
EAM	6614	3	Natural Resources Economics
EAM	6615	3	Permitting and Regulatory Compliance
EAM	6623	3	Environmental Negotiations and Conflict Resolution
EAM	6665	3	Sustainable Development
EAM/HIS	5550	3	Environmental History of the United States

GOVERNMENT CONTRACTING

PA	6645	3	Managing Government Contracts
PA	6647	3	Advanced Contract Administration
PA	6648	3	Contract Negotiation
PA	6649	3	Government Contract Law
PA	6668	3	Grant Writing for Public and Nonprofit Organizations

HEALTH CARE MANAGEMENT

HSA	6680	3	Health Services Administration and Policy
HSA	6681	3	Legal and Social Issues in Health Administration
HSA	6682	3	Health Care Planning and Management
HSA	6683	3	Health Care Economics
HSA	6684	3	Managed Healthcare

JUSTICE ADMINISTRATION

PA	6620	3	Organization Theory
CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice

CJ	6624	3	Court Administration
CJ	6630	3	Juvenile Justice
CJ	6640	3	Seminar in Law Enforcement
CJ	6652	3	Seminar in Corrections

MANAGEMENT INFORMATION SYSTEMS

PA	6679	3	Computers and Government Information Systems
PA	6686	3	Current Problems and Issues in Public Sector Information Management
PA	6687	3	Systems Analysis in Public Administration
PA	6688	3	Government Data Communications, Networks, and Systems

NATIONAL SECURITY AFFAIRS

IR	5524	3	Contemporary American Foreign Policy
IR	5551	3	Survey of International Relations
IR	5552	3	International Law
IR	6602	3	Geostrategic Studies
IR	6610	3	International Organizations
IR	6620	3	International Political Economy
IR	6635	3	National Security Policy
IR	6660	3	Military Strategy and International Relations

NONPROFIT MANAGEMENT

PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation
PA	6645	3	Managing Government Contracts
PA	6666	3	Foundations of Nonprofit Organizations
PA	6667	3	Executive Leadership in Nonprofit Organizations
PA	6668	3	Grant Writing for Public and Nonprofit Organizations
PA	6669	3	Nonprofit Financial Management
PA	6674	3	Ethics in Public Administration

PUBLIC HUMAN RESOURCE MANAGEMENT

HRM	6601	3	Legal Environment of Employment Decisions
HRM	6604	3	Labor Law
HRM	6619	3	Seminar in Human Resources Administration
HRM	6622	3	Human Resources Staffing
HRM	6623	3	Training and Human Resources Development
HRM	6632	3	Compensation and Benefits
PA	6630	3	Strategic Planning
PA	6646	3	Organization Behavior

PUBLIC MANAGEMENT

PA	6602	3	Quantitative Methods in Public Management
PA	6603	3	Economics for Public Management
PA	6612	3	Comparative Public Administration
PA	6620	3	Organization Theory
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation
PA	6640	3	Intergovernmental Relations
PA	6644	3	Administrative Law
PA	6645	3	Managing Government Contracts
PA	6646	3	Organizational Behavior
PA	6652	3	American Public Finance
PA	6665	3	Leadership in Public Administration
PA	6668	3	Grant Writing for Public and Nonprofit Organizations
PA	6674	3	Ethics in Public Administration
PA	6679	3	Computers and Government Management Information Systems

Concentration Courses

PA 6625 (Specialized Study in Public Administration) or PA 6660 (Readings in Public Administration) with the prior approval by the MPA Director or faculty adviser may be utilized in any concentration. 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.

Cross-listings applicable to the Master of Public Administration Degree Program only from other courses listed in this *Bulletin*.

PA 6601	BUS	6610	CJ	6650	IR 6601
PA 6602	QM	6640			
PA 6620	CJ	6671			
PA 6644	CJ	6644			
PA 6646	MGT	6671			
PA 6679	IS	6679			