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# COLLEGE OF ARTS AND SCIENCES

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## College of Arts & Sciences

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

\* Courses are offered through eCampus

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## MASTER OF SCIENCE IN COMPUTER SCIENCE

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The Master of Science degree 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. Objectives of the program are as follows:

1. 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. 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 science field.

### Admission Requirements

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For unconditional admission, students must satisfy the following:

1. A student must have earned a bachelor's degree in Computer Science (CS) or a related field from a regionally accredited four-year college or university.
2. A student must meet the grade point average and Graduate Record Examination (GRE) or equivalent test score. Requirements as follows:
  - Official transcripts of all academic work.
  - 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 27 semester hours (45 quarter hours).
  - A minimum composite score of 800 on the verbal and quantitative portions of the GRE.

### Conditional Admission

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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 must have their GRE test scores 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 composite score of 800 may satisfy the GRE test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
3. 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.
4. 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:

MTH 2215 – Applied Discrete Mathematics

CS 2244 – Computer Science I

CS 2260 – Computer Science II

CS 2261 – Introduction to Computer Science Concepts

CS 3323 – Data Structures

CS 3357 – Logical Structures of Computer Design

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.

### Transfer Credit

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A maximum of nine 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 catalog description to courses in the CS program and must be approved by the Dean of Arts & Sciences or Graduate Adviser, CS Program.

**Requirements for Admission to Candidacy**

Admission to the program for the M.S. in Computer Science does not constitute official admission to candidacy. Unconditionally admitted graduate students must apply for admission to candidacy within the first eighteen semester hours of graduate coursework and complete any additional requirements outlined for the specific degree program. If not completed within the first eighteen hours, a hold will be placed on the student’s registration until Degree Plan/Admission to Candidacy process is completed.

**Thesis**

1. Achieve unconditional admission to the program;
2. Complete 15 SH of graduate-level core courses;
3. Maintain a minimum overall 3.0 GPA; AND
4. Submit an approved thesis proposal.

**Non-Thesis**

1. Achieve unconditional admission to the program;
2. Complete 15 SH of graduate-level core courses;
3. Maintain a minimum overall 3.0 GPA; AND
4. Submit an approved proposal for a research paper.

**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.

For both options what follows should be followed by the students during their program of study.

**Degree Requirements**

The requirements for the degree are admission to candidacy, the successful completion of five graduate-level core courses and three to five elective courses (30 semester hours for the thesis option and 31 semester hours for the non-thesis option) with an overall grade point average of 3.0, and successful completion of a thesis or a paper. The degree requirements for the thesis and non-thesis options are as follows:

**Approval Process**

**Thesis Option**

See Thesis Guidelines.

**Thesis**

1. Admission to candidacy;
2. Complete 30 SH of graduate-level courses to include 6 SH of course CS 6699;
3. Maintain a minimum overall 3.0 GPA; AND
4. Successfully complete and defend a thesis.

**Non-Thesis**

1. Admission to candidacy;
2. Complete 31 SH of graduate-level courses to include 1 SH of course CS 6625;
3. Maintain a minimum overall 3.0 GPA;
4. Pass the written comprehensive examination; AND
5. Successfully complete an approved research paper.

**Non-Thesis Option**

The proposal for a research paper must be approved by the research supervisor. The research paper must be approved by the supervisor, CS Department Chair, Dean of College of Arts and Sciences and Dean of the Graduate School.

**Submission of Thesis or Research Paper**

The thesis must be submitted according to Thesis Guidelines. The research paper must be submitted to the department at least two months prior to graduation and must be submitted to the Dean of the Graduate School office at least two weeks prior to the end of the term of graduation. Two approved copies of the research paper are necessary, one of which will be kept by the CS department.

**Curriculum**

The CS degree curriculum consists of five core required courses and five (non-thesis option) or three (thesis option) elective courses. All courses offer three hours of credit except CS 6625-6626-6627, which offer one to three hours, and CS 6699, which offers one to six hours.

**Thesis Option**

5 Core Courses .....	15 SH
3 Electives .....	9 SH
Thesis (CS 6699) .....	6 SH
<b>TOTAL .....</b>	<b>30 SH</b>

**Non-Thesis Option\***

5 Core Courses .....	15 SH
5 Electives .....	15 SH
Research (CS 6625) .....	1 SH
<b>TOTAL .....</b>	<b>31 SH</b>

\* Also includes a comprehensive examination.

**Courses**

The courses for the Master of Science degree in Computer Science are listed below:

<b>Core Courses</b> .....	<b>15 SH</b>
CS 5543 – Software Engineering	3 SH
CS 5545 – Computer Architecture	3 SH
CS 5549 – Analysis of Algorithms	3 SH
CS 5547 – Systems Analysis and Design	3 SH
CS 5550 – Operating System Principles	3 SH
<b>Elective Courses</b> .....	<b>9/15 SH</b>
CS 6640 – Data Base Management Concepts	3 SH
CS 6641 – Society and Information Systems	3 SH
CS 6643 – Theory and Design of Compilers	3 SH
CS 6646 – Information Systems for Operations and Management	3 SH

CS 6647 – Simulation and Modeling	3 SH
CS 6648 – Operations Research	3 SH
CS 6650 – Distributed Systems Principles	3 SH
CS 6651 – Artificial Intelligence	3 SH
CS 6652 – XML Technology Principles	3 SH
CS 6653 – Topics in Software Security and Reliability	3 SH
CS 6654 – Topics in Software Engineering	3 SH
CS 6655 – Digital Logic Design – Principles and Practices with Emphasis on Testable Semicustom Circuits	3 SH
CS 6656 – Design and Testing of Reliable Digital Systems	3 SH

**Other electives (approved by adviser)**

CS 6625, 6626, 6627 – Specialized Study in Computer Science	1-3 SH
CS 6649 – Special Topics in Computer Science	3 SH
CS 6699 – Research and Thesis	1-6 SH

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## MASTER OF SCIENCE IN CRIMINAL JUSTICE

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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 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**

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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**

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#### **Unconditional Admission**

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

1. Hold a masters or higher degree from a regionally accredited university. No test score is required. An official transcript showing completion of a master's or higher degree is required.

OR

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

AND

3. Have an acceptable score on the appropriate entrance exam [GRE 850– (verbal plus quantitative), MAT 385 or 33.]

#### **Conditional Admission**

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

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

**Transfer Credit**

A maximum of four courses (12 semester hours) taken at another regionally accredited institution each with a grade of “B” or better can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Criminal Justice Graduate Program and be approved by the main campus dean/department chair. If the student transfers a “core” or “required course,” he/she is still subject to a written comprehensive exam based on the material presented at Troy University.

**Requirements for Admission to Candidacy**

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted.

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

**Degree Requirements**

Any student completing the coursework 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 a 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.)

**Curriculum**

All courses offer three semester hours credit.

**Required Courses (15 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
CJ	6650	3	Survey of Research Methods in Criminal Justice

**Electives (15 credits)**

Select any 15 hours of graduate coursework 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 Research
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

**Total 30 Hours**

**OR**

**Thesis option:**

(Note: The Thesis option is available only to on-campus students at the Troy campus.)

Required Courses (as above)	15 hours
Electives	15 hours
Thesis courses	6 hours
CJ 6694 3 Thesis Practicum	
CJ 6695 3 Thesis	

**Total 36 hours**

**MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES**

**Purpose and Goals**

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

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

6. To provide teachers with opportunities for advancement and to broaden and update their knowledge in order to enrich the classroom experience of their students.

### **Prerequisite Requirements**

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

### **Admission Requirements for Master of Science in Environmental and Biological Sciences**

To apply for admission to the graduate program in Environmental and Biological Sciences, 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:

- a. 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
- b. Demonstrate an adequate academic background in the sciences that includes natural or biological sciences, general chemistry, and statistics
- c. 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 catalog. Students with a baccalaureate degree from an unaccredited or otherwise accredited institution should see Unaccredited or Otherwise Accredited Student Admission.

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

### **Transfer Credit**

A maximum of 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.

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

Unconditionally admitted graduate students must apply for admission to candidacy within the first 18 semester hours and complete any additional requirements outlined for the specific degree program. If not completed within the first 18 hours, a hold will be placed on the student's registration until Degree Plan/ Admission to Candidacy process is completed.

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 EBS 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**

1. Unconditional Admission
2. Admission to Candidacy
3. Completion of curriculum listed below
4. Successful completion of EBS 6691 with a "B" or better
5. Overall 3.0 GPA
6. Successful completion of the comprehensive examination for non-thesis students or a thesis, including a presentation of a public seminar, for thesis students

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

### **Graduate Assistantships**

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

The Master of Science in Environmental and Biological Science degree is offered as a 30 semester hour plus thesis or 36 semester hour non-thesis option. Both options require ten semester hours of core courses and 20 semester hours of concentration course options for thesis and 26 semester hours of concentration course options for non-thesis as follows:

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

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### Required Core Courses (10 sh)

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

EBS	6601	3	Environmental and Biological Ethics
EBS	6630	3	Pollution Science
EBS	L630	1	Pollution Science Lab
EBS	6691	3	Research Methodology and Experimental Design

### Environmental Science Concentration

Select one option below:

#### Non-Thesis Option: (26 Semester Hours)

*Required courses (9 sh)*

EBS	6603	3	Environmental Management
EBS	6664	3	Restoration Ecology
EBS	6665	3	Sustainable Development

*Adviser Approved Electives courses: (17 sh)*

OR

#### Thesis Option (20 Semester Hours minimum)

EBS	6695	6	Thesis Research
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*Required courses: (3 sh) Select one course:*

EBS	6603	3	Environmental Management
EBS	6664	3	Restoration Ecology
EBS	6665	3	Sustainable Development

*Adviser Approved Electives: (11 sh)*

### Biological Sciences Concentration

Select one option below:

#### Non-Thesis Option : (26 Semester Hours)

*Required courses: (7 sh)*

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

EBS	5516	3	Microbial Ecology
EBS	L516	1	Microbial Ecology Lab
EBS	6661	3	Conservation Biology

*Required Elective Course(s): (3-4 sh)*

*Select one course:*

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

EBS	5513	3	Limnology
EBS	L513	1	Limnology Lab
EBS	5521	3	Population Ecology
EBS	L521	1	Population Ecology Lab
EBS	5530	3	Applied Genetics
EBS	L530	1	Applied Genetics Lab
EBS	6620	4	Field Protistology
EBS	6621	3	Environmental Toxicology

*Adviser Approved Electives: (15–16 sh)*

OR

### Thesis Option (20 Semester Hours)

*Required Thesis Research: (6 sh)*

EBS	6695	6	Thesis Research
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*Required Elective courses (3-4 hours)*

*Select one course:*

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

EBS	5516	3	Microbial Ecology
EBS	L516	1	Microbial Ecology Lab
EBS	6661	3	Conservation Biology
EBS	5513	3	Limnology
EBS	L513	1	Limnology Lab
EBS	5521	3	Population Ecology
EBS	L521	1	Population Ecology Lab
EBS	5530	3	Applied Genetics
EBS	L530	1	Applied Genetics Lab
EBS	6620	4	Field Protistology
EBS	6621	3	Environmental Toxicology

*Adviser Approved Elective Courses: (10-11 sh)*

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## MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

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World politics have undergone a profound alteration over the past two decades. The collapse of the former Soviet Union, the evolution of the European Union, 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, foreign policy studies, political economy, geography, conflict management, national security, international organization and law, intercultural relations, and developing states.

### Prerequisite Requirements

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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**

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 396, GMAT 490].

#### **Conditional Admission**

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

#### **Transfer Credit**

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the MSIR program and must be approved by the Dean of Arts and Sciences or Chair of the Department of Political Science.

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

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. Unconditionally admitted graduate students must apply for admission to candidacy after completing nine semester hours of requirements as outlined for the specific degree program. The Admission to Candidacy form must be completed within the first 18 semester hours of the program. If the Admission to Candidacy form is not completed by the conclusion of 18 semester hours, a hold will be placed on the student's registration until Admission to Candidacy process is completed. 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.

#### **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 one program concentration
- III. The successful completion of a comprehensive examination OR the preparation and defense of a Master's Thesis

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

All MSIR students must take 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

#### **MSIR Concentration Option Courses:**

*Students must choose ONE of the following concentrations.*

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

#### **Global Studies Concentration: 24 Semester Hours**

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

GEO	5506	3	Urbanism
GEO	5511	3	Demography
GEO	5526	3	Geography of the Russian Realm
GEO	6624	3	Geographic Characteristics of the Developing Realm
HIS	5503	3	Contemporary Europe
HIS	5504	3	Military History of the United States
HIS	5510	3	England since 1688
HIS	5515	3	Contemporary America, 1945 to Present
HIS	5523	3	U.S. Foreign Policy to 1920
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	6612	3	Comparative Public Policy
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
PA	6610	3	Foundations of Public Administration
PA	6612	3	Comparative Public Administration

**National Security Affairs Concentration: 24 Semester Hours***Students must choose any four of the following courses: (12sh)*

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

*Approved Elective Courses: (12 sh)**Students **must** choose four courses from the remaining electives listed for the Global Studies Concentration.***Regional Affairs Concentration: 24 Semester Hours***Students must take each of the following courses: (9 sh)*

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

*Concentration Relevant Electives Courses: (9 sh)**Students must choose three courses from one of the following regional groups:***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

*Approved Electives Courses: (6 sh)**Students must choose two courses from the remaining electives listed for the Global Studies Concentration.*



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

1. **Comprehensive Examination** – Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time 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.

*Note: Thesis option is not available to eCampus students.*

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

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## MASTER OF PUBLIC ADMINISTRATION

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### Mission Statement

The mission of the Troy University MPA program is to develop professional competency and leadership in individuals associated with public and nonprofit sectors by providing quality graduate professional education through a standardized curriculum and a network of campuses utilizing traditional, nontraditional, and emerging electronic formats.

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 eCampus. The MPA degree program is offered at Global Campus sites throughout the United States, through online courses, and at the Troy campus.

### Admission Requirements

To apply for admission to the Master of Public Administration program, applicants must submit the following materials to the Admissions Office at least one full term/ semester before enrollment.

1. Completed Application for Admission to the Graduate School.
2. Official transcript(s) from all universities attended;
3. Official copy of GRE or MAT or GMAT scores;
4. A letter of recommendation that addresses the applicant’s good potential for success in professional graduate studies and public service
5. A 500 word essay addressing the applicant’s professional goals, readiness, and potential for completing the MPA program; and
6. A resume listing professional experience, certifications, and other preparation.

All applicants for the Troy University MPA program must submit their application for admission at least one full term/semester before enrollment. No MPA student is allowed to register for MPA courses without formal admission to the MPA program.

### Unconditional Admission

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

1. Hold a masters or higher degree from a regionally accredited university. Applicants must submit the materials listed in Admission Requirements for Master of Public Administration with the exception of the official copy of GRE or MAT or GMAT scores.

OR

2. 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

AND

Have an acceptable score on the appropriate entrance exam: GRE 920 (verbal plus quantitative), MAT 400, or GMAT 490.

### Conditional Admission

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

### 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 catalog 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. Professional Military Education (PME) hours will not be accepted as transfer credits for Public Administration core courses. However, approved PME courses may be used as transfer credit for elective courses in the Public Administration Concentration. For more information, please consult with your adviser.

### Requirements for Admission to Candidacy

To be admitted to candidacy, students must have a 3.0 GPA on all work attempted. Unconditionally admitted graduate students must apply for admission to candidacy after completing nine

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

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.

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 SH)***

PA 6601	3	Research Methods in Public Administration
PA 6610	3	Foundations of Public Administration
PA 6620	3	Theory of Organizations
		OR
PA 6646	3	Organizational Behavior
PA 6622	3	Public Policy
PA 6624	3	Public Human Resource Management
PA 6650	3	Governmental Budgeting and Financial Management
PA 6699	3	Capstone in Public Administration

### ***Select one of the following courses\*: (3 SH)***

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

*\*Students in Nonprofit Management concentration must take PA 6631 Program Evaluation (3) as their Tier II course.*

### ***Select one of the following courses: (3 SH)***

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

## ***Concentrations (9 hours)***

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

- Education
- Environmental Management
- Government Contracting
- Healthcare Administration
- Justice Administration
- National Security Affairs
- Nonprofit Management
- Public Human Resource Management
- Public Management

## **Concentrations**

### **Education**

EDU 6606	3	Current and Emerging Instructional Technologies
PSE 6608	3	Curriculum Integration of Technology
PSE 6660	3	Trends and Issues in Adult Education
PSE 6670	3	Psychological Foundations of the Adult Learner
PSE 6680	3	Curriculum Development for Adult Education

### **Environmental Management**

EBS 6601	3	Environmental and Biological Ethics
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 6623	3	Environmental Negotiations and Conflict Resolution
EBS 6635	3	Land Use Planning
EBS 6637	3	Environmental Economics
EBS 6665	3	Sustainable Development
EBS/HIS 5550	3	Environmental History

### **Government Contracting**

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

### **Healthcare Management**

HSA 6680	3	Health Services Administration and Policy
HSA 6681	3	Legal and Social Issues in Health Administration

HSA	6682	3	Healthcare Planning and Management
HSA	6683	3	Healthcare Economics
HSA	6684	3	Managed Care: Origins, Organizations and Operations
PA	6665	3	Leadership in Public Administration

**Justice Administration**

CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6624	3	Court Administration
CJ	6630	3	Juvenile Justice
CJ	6640	3	Seminar in Law Enforcement
CJ	6652	3	Seminar in Corrections
CJ	6671	3	Organization Theory

**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	6630	3	Seminar in International Relations
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	6666	3	Foundations of Nonprofit Organizations
PA	6667	3	Executive Leadership in Nonprofit Organizations
PA	6668	3	Grant Management for Public and Non-profit Organizations
PA	6669	3	Nonprofit Financial Management

\* *Students in Nonprofit Management must take PA 6631 as their Tier II course.*

**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	Workforce Planning and Staffing
HRM	6623	3	Training and Development of Human Resources
HRM	6632	3	Compensation and Benefits

**Public Management**

PA	6602	3	Quantitative Methods in Public Management
PA	6603	3	Economics for Public Management

PA	6620	3	Theory of Organizations
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation
PA	6640	3	Intergovernmental Relations
PA	6644	3	Administrative Law
PA	6645	3	Managing Government Contracts
PA	6646	3	Organizational Behavior
PA	6665	3	Leadership in Public Administration
PA	6668	3	Grant Management for Public and Non-profit Organizations
PA	6674	3	Ethics in Public Administration
PA	6679	3	Computers and Government Management Information Systems
PA	66xx	3	Approved Adviser elective

**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 *Catalog*:

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

**Graduate Certificate in Government Contracting**

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

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

All Certificate students must be admitted to the Graduate School in order to qualify for the Certificate. See Graduate Admissions.

Admitted MPA students may qualify for the Certificate by completing the four required courses and maintain an overall 3.0 grade point average or better in order to meet concentration requirement. Students are limited to a total of six semester hours of these courses under the provisions of post-master's admission, or under special admission (non-degree matriculate).

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 transcript



Effective Fall 2006

TROY UNIVERSITY  
 MASTER OF SCIENCE IN COMPUTER SCIENCE  
 Graduate Degree Plan and Progress Record/  
 Application for Admission to Candidacy  
 30/31 Semester Hour Program

Name \_\_\_\_\_ Student ID # \_\_\_\_\_ Campus \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

Copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

DEGREE REQUIREMENTS:

- |   |  |
|---|--|
| 1. GRE, or equivalent exam, test scores submitted<br>2. Official transcript of all academic work<br>3. Unconditional Admission<br>4. 30/31 semester hours of credit (30 for thesis option and 31 for Non-thesis option)<br>5. Meet residency requirements<br>6. No more than two grades below "B" | 7. Overall GPA of 3.0<br>8. Completion of research requirement with a "B" or better<br>9. All credit earned within 8 years of graduation<br>10. Admission to Candidacy<br>11. Successfully complete comprehensive exam/ thesis/ (Select ONE)<br>12. Intent to Graduate filed |
|---|--|

Prerequisite Courses for a bachelor's degree outside of the field of Computer Science.

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics				
CS 2244	Computer Sciences I				
CS 2260	Intro to CS Concepts				
CS 2261	Foundations of Computer Science Concepts				
CS 3323	Data Structures				
CS 3357	Logical Structures of Computer Design				

REQUIRED CORE COURSES – 15 Semester Hours

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CS 5543	Software Engineering	3			
CS 5545	Computer Architecture	3			
CS 5547	Applied Systems Analysis	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating System Principles	3			

SELECT (15/16 SEMESTER HOURS)

CS 6625/26/27	Special Study in CS	1-3			
CS 6640	Data Base Management Concepts	3			
CS 6641	Society and Information Systems	3			
CS 6643	Theory and Design of Compilers	3			
CS 6646	Information Systems for Operations and Management	3			
CS 6647	Simulation and Modeling	3			
CS 6648	Operations Research	3			
CS 6649	Special Topics in Computer and Information Science	3			
CS 6650	Distributed Systems Principles	3			
CS 6651	Artificial Intelligence	3			
CS 6652	XML Technology Principles	3			
CS 6653	Topics in Software Security and Reliability	3			
CS 6654	Topics in Software Engineering	3			
CS 6655	Digital Logic Design-Principles and Practices with Emphasis on Testable Semicustom Circuits	3			
CS 6656	Design and Testing of Reliable Digital Systems	3			
CS 6699	Research and Thesis	3-6			

Other Electives (Approved by Advisor) (9 Semester Hours)


ITEMS TO BE DISCUSSED

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

Progress		
Status	Date	Initials
Conditional Admission		
Test Score		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score on GRE waived		
Unconditional Admission		
Residency		
Candidact		
Comps		



Effective Fall 2006

TROY UNIVERSITY  
Criminal Justice  
Graduate Degree Plan and Progress Record/  
Application for Admission to Candidacy  
30 Semester Hour Program

Name \_\_\_\_\_ Student ID # \_\_\_\_\_ Campus \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

Copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

DEGREE REQUIREMENTS:

- |   |  |
|---|--|
| 1. GRE, or equivalent exam, test scores submitted | 7. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work       | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                        | 9. All credit earned within 8 years of graduation          |
| 4. 30 Semester hours of credit                    | 10. Admission to Candidacy                                 |
| 5. Meet residency requirements                    | 11. Successfully complete comprehensive exams              |
| 6. No more than two grades below "B"              | 12. Intent to Graduate filed                               |

REQUIRED CORE COURSES - 15 Semester Hours

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CJ 6610	Principles of Administration				
CJ 6620	Current Trends in Criminal Law				
CJ 6622	Seminar in the Administration of Justice				
CJ 6624	Court Administration				
CJ 6650	Survey of Research Methods in Criminal Justice				

ELECTIVES: 15 Semester hours

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT

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: deadline 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		
Residency		
Test Score		
Comps		

STUDENT ACKNOWLEDGEMENT: I have read the current year's Graduate Catalog and acknowledge the contents and requirements of the above program. I have received academic advising from my Faculty Advisor.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

Faculty Advisor \_\_\_\_\_ Date \_\_\_\_\_

STUDENT ACKNOWLEDGEMENT: I hereby apply for Admission to Candidacy.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: \_\_\_\_\_  
Chair/Associate Dean or Dean

Advisor \_\_\_\_\_ Date \_\_\_\_\_

CANDIDACY APPROVED: \_\_\_\_\_  
Dean, Graduate School

Distribution: Gold - Student  
Pink - Campus/Branch file  
All other - (Green, Yellow): UC  
Original - Official File





**TROY UNIVERSITY  
APPLICATION FOR ADMISSION TO CANDIDACY  
MASTER OF SCIENCE  
ENVIRONMENTAL AND BIOLOGICAL SCIENCES (EBS)  
ENVIRONMENTAL SCIENCES CONCENTRATION**

Check One:  VA Checklist  Admission to Candidacy

Use your approved checklist and/or the Graduate Catalog as a guide to complete the form. Forward to your adviser, the Chair of EBS, the Dean of the College of Arts and Sciences, and the Dean of the Graduate School for approval. INFORMATION MUST BE TYPED AND AN UNOFFICIAL COPY OF YOUR TRANSCRIPT ATTACHED.

Name: \_\_\_\_\_  
Last
First
Middle
Student ID Number

Address: \_\_\_\_\_  
Street (Apt. No.)
City
State
Zip Code

**DEGREE REQUIREMENTS:**

- |   |  |
|---|--|
| 1. GRE, or equivalent, test scores submitted.   | 6. Minimum grade of "B" in EBS/BIO 6691.                               |
| 2. Unconditional Admission                      | 7. All graduate credit earned within 8 years                           |
| 3. 18 semester hours of Troy University credit. | 8. Completion of 36 non-thesis hours or 30 thesis hours outlined below |
| 4. No more than two grades below "B"            | 9. Intent to Graduate form filed                                       |
| 5. Overall GPA of 3.0                           | 10. Admission to Candidacy form filed                                  |
|   | 11. Pass comprehensive exam or thesis defense                          |

Semester hour requirements (check one): Non-thesis Option (36 hours)  Thesis Option (30 Hours)

**Deficiencies**

Prefix	Course#	Course Title (print or type)	Credits	Grade	Semester/Year

**Required Core Courses (10 Semester Hours)**

Prefix	Course#	Course Title (print or type)	Credits	Grade	Semester/Year
EBS/BIO	6601	Environmental and Biological Ethics	3		
EBS/BIO	6630	Pollution Science	3		
EBS/BIO	L630	Pollution Science Laboratory	1		
EBS/BIO	6691	Research Methodology and Experimental Design	3		

**Concentration Courses (9 Semester Hours)**

Prefix	Course#	Course Title (print or type)	Credits	Grade	Semester/Year
EBS/BIO	6603	Environmental Management	3		
EBS/BIO	6664	Restoration Ecology	3		
EBS/BIO	6665	Sustainable Development	3		

**Electives Approved by the Program Advisory Committee (Non-thesis option-17 Semester Hours, Thesis option-5 Semester Hours)**

Prefix	Course#	Course Title (print or type)	Credits	Grade	Semester/Year

**Thesis Option (6 Semester Hours)**

Prefix	Course#	Course Title (print or type)	Credits	Grade	Semester/Year
EBS/BIO	6695	Thesis Research			
EBS/BIO	6695	Thesis Research			

Student's Signature: \_\_\_\_\_  
Date

Approved: \_\_\_\_\_  
Chair, Biological Sciences
Date

Approved: \_\_\_\_\_  
Advisor
Date

Approved: \_\_\_\_\_  
Dean, College of Arts and Sciences
Date

Distribution:  
 White- Graduate School  
 Yellow- Student  
 Green- Records  
 Pink - Biological Sciences  
 Gold- Advisor

Approved: \_\_\_\_\_  
Dean, Graduate School
Date

Effective Fall 2006

TROY UNIVERSITY  
 MASTER OF SCIENCE IN INTERNATIONAL RELATIONS  
 Graduate Degree Plan and Progress Record/  
 Application for Admission to Candidacy  
 36 Semester Hour Program

Name \_\_\_\_\_ Student ID # \_\_\_\_\_ Campus \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

Copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

DEGREE REQUIREMENTS:

- |   |  |
|---|--|
| 1. GRE, or equivalent exam, test scores submitted | 7. Overall GPA of 3.0  |
| 2. Official transcript of all academic work       | 8. Completion of research requirement with a "B" or better         |
| 3. Unconditional Admission                        | 9. All credit earned within 8 years of graduation                  |
| 4. 36 semester hours of credit                    | 10. Admission to Candidacy   |
| 5. Meet residency requirements                    | 11. Successfully complete comprehensive exam/ thesis/ (Select ONE) |
| 6. No more than two grades below "B"              | 12. Intent to Graduate filed                                       |

REQUIRED CORE COURSES – 12 Semester Hours

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
IR 5551	SURVEY OF INTERNATIONAL RELATIONS	3			
IR 6601	RESEARCH METHODS IN INTERNATIONAL RELATIONS	3			
IR 6620	INTERNATIONAL POLITICAL ECONOMY	3			
IR 6652	THEORY & IDEOLOGY OF INTERNATIONAL RELATIONS	3			

CONCENTRATION COURSES (12-24 HOURS)- Global Studies, National Security, or Regional Affairs

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT

APPROVED ELECTIVES (0-12 HOURS)

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT

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; deadline and consequences
- \_\_\_\_\_ 7. Petition for an Incomplete grade
- \_\_\_\_\_ 8. Student participation in course and Program Evaluation
- \_\_\_\_\_ 9. Other \_\_\_\_\_

Admission Status		
Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

STUDENT ACKNOWLEDGEMENT: I have read the current year's Graduate Catalog and acknowledge the contents and requirements of the above program. I have received academic advising from my Faculty Advisor.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

Faculty Advisor \_\_\_\_\_ Date \_\_\_\_\_

STUDENT ACKNOWLEDGEMENT: I hereby apply for Admission to Candidacy.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: \_\_\_\_\_  
Chair/Associate Dean or Dean

Advisor \_\_\_\_\_ Date \_\_\_\_\_

CANDIDACY APPROVED: \_\_\_\_\_  
Dean, Graduate School

Distribution: Gold –Student  
 Pink – Campus/Branch file  
 All other (Green , Yellow): UC  
 Original -Official File

TROY UNIVERSITY  
 Master of Public Administration  
 Graduate Degree Plan and Progress Record/  
 Application for Admission to Candidacy  
 36/39 Semester Hour Program

Name \_\_\_\_\_ Student ID # \_\_\_\_\_ Campus \_\_\_\_\_

Address: \_\_\_\_\_ Troy Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

**DEGREE REQUIREMENTS:**

- |  |  |
|--|--|
| 1. GRE, or equivalent exam, test scores submitted  | 8. Overall GPA of 3.0                                      |
| 2. Official transcript of all academic work        | 9. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission                         | 10. All credit earned within 8 years of graduation         |
| 4. Semester hours of credit: 36 39 with Internship | 11. Admission to Candidacy                                 |
| 5. Meet residency requirements                     | 12. Completion of PA 6699 with a "B" or better             |
| 6. No more than two grades below "B"               | 13. Intent to Graduate filed                               |
| 7. PA6694 Internship Needed?                       |  |

**REQUIRED CORE COURSES - 27 Semester Hours**

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
PA6601	Research Methods in Public Administration				
PA6610	Foundations of Public Administration				
PA6620	Theory of Organizations				
PA6622	Public Policy				
PA6624	Public Human Resource Management				
PA6646	Organizational Behavior				
PA6650	Governmental Budgeting and Financial Management				
PA6699	Capstone in Public Administration (Final core course or permission of instructor)				

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

PA6602	Quantitative Methods in Public Management				
PA6603	Economics for Public Management				
PA6631	Program Evaluation				

**SELECT ONE: 3 Semester Hours**

PA6640	Intergovernmental Relations				
PA6644	Administrative Law				
PA6674	Ethics in Public Administration				

\*Nonprofit Management Concentration must take PA 6631: Program Evaluation.

**CONCENTRATION**

**9 Semester Hours**


**INTERNSHIP 3 Semester Hours**

PA6694	Internship				
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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; deadline and consequences
- \_\_\_ 7. Petition for an Incomplete grade
- \_\_\_ 8. Student participation in course and Program Evaluation
- \_\_\_ 9. PA6610 Foundations of Public Administration Completed in First Nine (9) Hours

Admission Status		
Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		

STUDENT ACKNOWLEDGEMENT: I have read the \_\_\_\_\_ Graduate Catalog and acknowledge the contents and requirements of the above program. I have received academic advising from my Faculty Advisor.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_ MPA Faculty Advisor \_\_\_\_\_ Date \_\_\_\_\_

STUDENT ACKNOWLEDGEMENT: I hereby apply for Admission to Candidacy. APPROVED: \_\_\_\_\_ Date \_\_\_\_\_  
 MPA Director

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_ APPROVED: \_\_\_\_\_ Date \_\_\_\_\_  
 Chair/Associate Dean or Dean

Advisor \_\_\_\_\_ Date \_\_\_\_\_ CANDIDACY APPROVED: \_\_\_\_\_ Date \_\_\_\_\_  
 Dean, Graduate School

Distribution: Gold: Student, Pink: Campus/Branch file, All other (Green, Yellow): UG, Original: Director, MPA Program

Effective Fall 2009

TROY UNIVERSITY  
 TROY Publication 384-201  
 Revised 4/2009

**TROY UNIVERSITY**  
**GRADUATE CERTIFICATION PROGRAM IN GOVERNMENT CONTRACTING**  
 Certificate Plan and Progress Record  
 Certificate Verification  
**12 Semester-Hour Program**

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

Submit this form with the Certificate Intent form. A copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

**DEGREE REQUIREMENTS:**

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
3. Unconditional Admission
4. 12 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below "B"
7. Overall GPA of 3.0
8. All credit earned within 8 years of graduation

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

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

**ITEMS TO BE DISCUSSED:**

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

**ADMISSION STATUS:**

TYPE	DATE	INITIALS
Conditional		
Unconditional		
Residency		
Test Scores		

**STUDENT ACKNOWLEDGEMENT:** I have read the current year's Graduate Catalog and acknowledge the contents and requirements of the above degree. I have received academic advising for my Faculty Adviser, and I hereby apply for Admission to Candidacy.

\_\_\_\_\_  
 Student's Signature Date

\_\_\_\_\_  
 Faculty Adviser Date

Approved: \_\_\_\_\_  
 Director, MPA Program Date

Approved: \_\_\_\_\_  
 Chair/Associate Dean or Dean (Optional) Date

Approved: \_\_\_\_\_  
 Graduate School (Optional) Date