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. The objectives of the program are to:

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**

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 transcript 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**

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 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 composite score of 800 may satisfy the GRE test requirement by successfully completing 9 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 successful completion of 9 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**

A maximum of nine (9) 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 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. 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
1. Achieved unconditional admission to the program;
2. Completed 15 SHs of graduate-level core courses;
3. Maintained a minimum overall 3.0 GPA; AND

Non-Thesis
1. Achieved unconditional admission to the program;
2. Completed 15 SHs 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, completing 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 5 graduate-level core courses and 3-5 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:

Thesis
1. Admission to candidacy;
2. Complete 30 SHs of graduate-level courses to include 6 SHs 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 SHs 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.

Approval Process

Thesis Option
See Thesis Guidelines.

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 Graduate Dean.

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 offers one to three hours, and CS 6699, which offers one to six hours.

Thesis Option

5 Core Course ................................. 15 SH
3 Electives ........................................... 9 SH
Thesis (CS 6699) ...................................... 6 SH
TOTAL .................................................. 30 SH

Non-Thesis Option*

5 Core Courses .............................. 15 SH
5 Electives ........................................... 15 SH
Research (CS 6625) .............................. 1 SH
TOTAL .................................................. 31 SH

* Also includes a comprehensive examination.

Courses

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

Core Courses................................. 15 SH
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

Elective Courses................................. 9/15 SH
CS 6640 - Data Base Management Concepts 3 SH
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

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) might be required to complete additional course work before being granted unconditional admission to the program.

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 (15 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 6610</td>
<td>3</td>
<td>Principles of Administration</td>
</tr>
<tr>
<td>CJ 6620</td>
<td>3</td>
<td>Current Trends in Criminal Law</td>
</tr>
<tr>
<td>CJ 6622</td>
<td>3</td>
<td>Seminar in the Administration of Justice</td>
</tr>
<tr>
<td>CJ 6624</td>
<td>3</td>
<td>Court Administration</td>
</tr>
<tr>
<td>CJ 6650</td>
<td>3</td>
<td>Survey of Research Methods in Criminal Justice</td>
</tr>
</tbody>
</table>

Electives (15 credits)

Select any 15 hours of graduate course work from the following:

Thesis option

Required Courses (as above): 15 hours
Thesis Practicum: 3 hours
Thesis: 3 hours
Electives: 15 hours

TOTAL: 36 hours

OR

MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

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

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

**Prerequisite Requirements**

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

**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) 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 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**

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) 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) 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)
- 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 Sciences Concentration

Non-Thesis Option (26 hours)
Required courses (9 hours):
- EBS 6603 3 Environmental Management
- EBS 6664 3 Restoration Ecology
- EBS 6665 3 Sustainable Development

Electives (17 hours)
- EBS 6695 6 Thesis Research

Thesis Option (20 hours minimum)
Select one course:
- EBS 6603 3 Environmental Management
- EBS 6664 3 Restoration Ecology
- EBS 6665 3 Sustainable Development
- EBS L650 1 Spatial Analysis Using GIS Lab

Electives (5 hours)
- EBS 6695 6 Thesis Research

Biological Sciences Concentration

Non-Thesis option (26 hours)
Required courses (7 hours):
- EBS 5516 3 Microbial Ecology
- EBS L516 1 Microbial Ecology Lab
- EBS 6661 3 Conservation Biology

Required elective course (3-4 hours). 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

Electives (15 –16 hours)
- EBS 6695 6 Thesis Research

MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

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, 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 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

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:

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

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5506</td>
<td>Urbanism</td>
</tr>
<tr>
<td>GEO 5511</td>
<td>Demography</td>
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<tr>
<td>GEO 5526</td>
<td>Geography of the Russian Realm</td>
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<tr>
<td>GEO 6624</td>
<td>Geographic Characteristics of the Developing Realm</td>
</tr>
<tr>
<td>HIS 5503</td>
<td>Contemporary Europe</td>
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<tr>
<td>HIS 5504</td>
<td>Military History of the United States</td>
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<td>HIS 5510</td>
<td>England since 1688</td>
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<td>HIS 5515</td>
<td>Contemporary America, 1945 to Present</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>HIS 5523</td>
<td>U.S. Foreign Policy to 1920</td>
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<tr>
<td>HIS 5532</td>
<td>Russia to 1861</td>
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<td>HIS 5533</td>
<td>Russia since 1861</td>
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<td>HIS 5545</td>
<td>Modern Germany</td>
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<td>HIS 5551</td>
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<td>HIS 5583</td>
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<td>HIS 6614</td>
<td>Contemporary Japan</td>
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<td>HIS 6615</td>
<td>Seminar in Latin American History</td>
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<td>IR 5502</td>
<td>International Political Geography</td>
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<td>IR 5524</td>
<td>Contemporary American Foreign Policy</td>
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<td>IR 5533</td>
<td>Comparative Government</td>
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<td>IR 5552</td>
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<td>IR 5570</td>
<td>Politics of Southeast Asia</td>
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<td>IR 6600</td>
<td>Selected Topics in International Relations</td>
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<td>IR 6602</td>
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<td>IR 6610</td>
<td>International Organizations</td>
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<td>IR 6612</td>
<td>Comparative Public Policy</td>
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<td>IR 6625,</td>
<td>Specialized Study in International Relations</td>
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<td>IR 6629,</td>
<td>Seminar in International Relations</td>
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<td>IR 6630</td>
<td>Intercultural Relations</td>
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<td>IR 6631</td>
<td>Developed and Developing Nations</td>
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<td>IR 6633</td>
<td>Tradition, Revolution, and Change</td>
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<td>IR 6634</td>
<td>National Security Policy</td>
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<td>IR 6640</td>
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<td>IR 6641</td>
<td>Latin America in World Affairs</td>
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<td>IR 6642</td>
<td>Russia and Eastern Europe</td>
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<td>Western Europe in World Affairs</td>
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<td>Sub-Saharan Africa in World Affairs</td>
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<td>IR 6653</td>
<td>Political Psychology</td>
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<td>IR 6654</td>
<td>Media, Technology, and International Politics</td>
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<td>IR 6655</td>
<td>International Conflict Management</td>
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<td>IR 6656</td>
<td>International Power and Influence</td>
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<td>IR 6660</td>
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<td>IR 6665</td>
<td>Readings in International Relations</td>
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<td>IR 6668</td>
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<td>IR 6672</td>
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<td>IR 6681</td>
<td>Tribalism and Colonialism in Africa</td>
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<td>Drug Politics in the Americas</td>
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<td>IR 6687</td>
<td>Free Trade and Economic Integration in the Americas</td>
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<td>IR 6688</td>
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<td>PA 6610</td>
<td>Foundations of Public Administration</td>
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<tr>
<td>PA 6612</td>
<td>Comparative Public Administration</td>
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</tbody>
</table>

**National Security Affairs Concentration**

Students must choose any four of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 5504</td>
<td>Military History of the United States</td>
<td>3</td>
</tr>
<tr>
<td>IR 5524</td>
<td>Contemporary American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>IR 5552</td>
<td>International Law</td>
<td>3</td>
</tr>
<tr>
<td>IR 6602</td>
<td>Geostrategic Studies</td>
<td>3</td>
</tr>
<tr>
<td>IR 6635</td>
<td>National Security Policy</td>
<td>3</td>
</tr>
<tr>
<td>IR 6660</td>
<td>Military Strategy and International Relations</td>
<td>3</td>
</tr>
<tr>
<td>IR 6685</td>
<td>Terrorism and Political Violence</td>
<td>3</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR 5533</td>
<td>Comparative Government</td>
<td>3</td>
</tr>
<tr>
<td>IR 6610</td>
<td>International Organizations</td>
<td>3</td>
</tr>
<tr>
<td>IR 6631</td>
<td>Intercultural Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Relevant Electives**

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

**Latin America**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 5583</td>
<td>Latin American States</td>
<td>3</td>
</tr>
<tr>
<td>HIS 6615</td>
<td>Seminar in Latin American History</td>
<td>3</td>
</tr>
<tr>
<td>IR 6640</td>
<td>Government and Politics of Developing Nations</td>
<td>3</td>
</tr>
<tr>
<td>IR 6641</td>
<td>Latin America in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6642</td>
<td>Russia and Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>IR 6644</td>
<td>Middle East in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6645</td>
<td>Asia in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6647</td>
<td>Western Europe in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6648</td>
<td>Sub-Saharan Africa in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6653</td>
<td>Political Psychology</td>
<td>3</td>
</tr>
<tr>
<td>IR 6654</td>
<td>Media, Technology, and International Politics</td>
<td>3</td>
</tr>
<tr>
<td>IR 6655</td>
<td>International Conflict Management</td>
<td>3</td>
</tr>
<tr>
<td>IR 6656</td>
<td>International Power and Influence</td>
<td>3</td>
</tr>
<tr>
<td>IR 6660</td>
<td>Military Strategy and International Relations</td>
<td>3</td>
</tr>
<tr>
<td>IR 6665</td>
<td>Readings in International Relations</td>
<td>3</td>
</tr>
<tr>
<td>IR 6668</td>
<td>Thesis</td>
<td>3</td>
</tr>
<tr>
<td>IR 6669</td>
<td>Thesis</td>
<td>3</td>
</tr>
<tr>
<td>IR 6670</td>
<td>United Kingdom in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6672</td>
<td>Germany in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6675</td>
<td>Central America in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6676</td>
<td>Japan in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6677</td>
<td>China in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6681</td>
<td>Tribalism and Colonialism in Africa</td>
<td>3</td>
</tr>
<tr>
<td>IR 6685</td>
<td>Terrorism and Political Violence</td>
<td>3</td>
</tr>
<tr>
<td>IR 6686</td>
<td>Drug Politics in the Americas</td>
<td>3</td>
</tr>
<tr>
<td>IR 6687</td>
<td>Free Trade and Economic Integration in the Americas</td>
<td>3</td>
</tr>
<tr>
<td>IR 6688</td>
<td>Islamic Fundamentalism</td>
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</table>

**Europe**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5526</td>
<td>Geography of the Russian Realm</td>
<td>3</td>
</tr>
<tr>
<td>HIS 5503</td>
<td>Contemporary Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIS 5510</td>
<td>Modern England</td>
<td>3</td>
</tr>
<tr>
<td>HIS 5545</td>
<td>Modern Germany</td>
<td>3</td>
</tr>
<tr>
<td>IR 6642</td>
<td>Russia and Eastern Europe in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6647</td>
<td>Western Europe in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6660</td>
<td>United Kingdom in World Affairs</td>
<td>3</td>
</tr>
<tr>
<td>IR 6672</td>
<td>Germany in World Affairs</td>
<td>3</td>
</tr>
</tbody>
</table>

**Asia**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5526</td>
<td>Geography of the Russian Realm</td>
<td>3</td>
</tr>
<tr>
<td>HIS 5551</td>
<td>The Far East</td>
<td>3</td>
</tr>
</tbody>
</table>
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.

MASTER OF PUBLIC ADMINISTRATION

Mission Statement

The Troy University MPA program advances professionalism in the public and nonprofit sectors by meeting the educational needs of people who are employed or are seeking employment in government and nonprofit organizations. The MPA degree offers a standardized curriculum, delivered by a variety of innovative technologies, through a network of campuses with outstanding student services, in a global environment, anywhere, anytime, one student at a time. The MPA faculty commits to being a leading provider of public administration education as active contributors to scholarship in their discipline and service to their communities.

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 online courses, 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; AND
   (b) have an acceptable score on the appropriate entrance exam: GRE 920 verbal and quantitative, MAT 400, or GMAT 490; AND
   (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. See 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. 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 nine 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. 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 PA 6601 Research Methods in Public Administration with a grade of “B” or better
5. Successful completion of PA 6699, 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  Theory of Organization
OR
PA 6646  3  Organizational Behavior
PA 6622  3  Public Policy Analysis
PA 6624  3  Public Human Resource Management
PA 6650  3  Governmental Budgeting and Financial Management
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

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

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
- Healthcare Administration
- Justice Administration
- National Security Affairs
- Nonprofit Management
- Public Human Resource Management
- Public Management

Concentrations

Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDU</td>
<td>Current and Emerging Instructional Technoloeies</td>
</tr>
<tr>
<td>PSE</td>
<td>Curriculum Integration of Technology</td>
</tr>
<tr>
<td>PSE</td>
<td>Trends and Issues in Adult Education</td>
</tr>
<tr>
<td>PSE</td>
<td>Psychological Foundations of the Adult Learner</td>
</tr>
<tr>
<td>PSE</td>
<td>Curriculum Development for Adult Education</td>
</tr>
</tbody>
</table>

Environmental Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBS</td>
<td>Environmental and Biological Ethics</td>
</tr>
<tr>
<td>EBS</td>
<td>Environmental Management</td>
</tr>
<tr>
<td>EBS</td>
<td>Global Pollution and International Environmen-</td>
</tr>
<tr>
<td>EBS</td>
<td>Environmental Impact Studies and Risk Management</td>
</tr>
<tr>
<td>EBS</td>
<td>Environmental Law, Permitting, and Regulatory Compliance</td>
</tr>
<tr>
<td>EBS</td>
<td>Environmental Negotiations and Conflict Resolution</td>
</tr>
<tr>
<td>EBS</td>
<td>Sustainable Development</td>
</tr>
<tr>
<td>EBS/HIS</td>
<td>Environmental History</td>
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</table>

Government Contracting

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>Managing Government Contracts</td>
</tr>
<tr>
<td>PA</td>
<td>Advanced Contract Administration</td>
</tr>
<tr>
<td>PA</td>
<td>Contract Negotiation</td>
</tr>
<tr>
<td>PA</td>
<td>Government Contract Law</td>
</tr>
<tr>
<td>PA</td>
<td>Grant Management for Public and Non-_profit Organizations</td>
</tr>
</tbody>
</table>

Healthcare Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA</td>
<td>Health Services Administration and Policy</td>
</tr>
<tr>
<td>HSA</td>
<td>Legal and Social Issues in Health Administra-</td>
</tr>
</tbody>
</table>

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 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 Nonprofit 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 Geostategic 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 6666 3 Foundations of Nonprofit Organizations
PA 6667 3 Executive Leadership in Nonprofit Organizations
PA 6668 3 Grant Management for Public and Nonprofit 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 Human Resources Staffing
HRM 6623 3 Training and Development of Human Resources
HRM 6632 3 Compensation Management

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 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 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 as part of their 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 matriculant).
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

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

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

Prerequisites Courses for a bachelor’s degree outside of the field of Computer Science:

<table>
<thead>
<tr>
<th>COURSE NO</th>
<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
<th>TERM/yr</th>
<th>TRANSFER CREDIT</th>
</tr>
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<tbody>
<tr>
<td>MTH 2215</td>
<td>Applied Discrete Mathematics</td>
<td></td>
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</tr>
<tr>
<td>CS 2244</td>
<td>Computer Sciences I</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>CS 2260</td>
<td>Intro to CS Concepts</td>
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<tr>
<td>CS 2261</td>
<td>Foundations of Computer Science Concepts</td>
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<tr>
<td>CS 3323</td>
<td>Data Structures</td>
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<tr>
<td>CS 3337</td>
<td>Logical Structures of Computer Design</td>
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</table>

REQUIRED CORE COURSES – 35 Semester Hours

<table>
<thead>
<tr>
<th>COURSE NO</th>
<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
<th>TERM/yr</th>
<th>TRANSFER CREDIT</th>
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<tbody>
<tr>
<td>CS 5543</td>
<td>Software Engineering</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 5545</td>
<td>Computer Architecture</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS 5547</td>
<td>Applied Systems Analysis</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS 5549</td>
<td>Analysis of Algorithms</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>CS 5550</td>
<td>Operating System Principles</td>
<td>3</td>
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SELECT (15-16 SEMESTER HOURS)

<table>
<thead>
<tr>
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<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
<th>TERM/yr</th>
<th>TRANSFER CREDIT</th>
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<tbody>
<tr>
<td>CS 6627</td>
<td>Special Study in Computer Science</td>
<td>1-3</td>
<td></td>
<td></td>
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<tr>
<td>CS 6640</td>
<td>Database Management Concepts</td>
<td>3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CS 6641</td>
<td>Society and Information Systems</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>CS 6643</td>
<td>Theory and Design of Compilers</td>
<td>3</td>
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<tr>
<td>CS 6646</td>
<td>Information Systems for Operations and Management</td>
<td>3</td>
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<tr>
<td>CS 6657</td>
<td>Simulation and Modeling</td>
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<tr>
<td>CS 6648</td>
<td>Operations Research</td>
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<tr>
<td>CS 6649</td>
<td>Special Topics in Computer and Information Science</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 6650</td>
<td>Distributed Systems Principles</td>
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<tr>
<td>CS 6651</td>
<td>Artificial Intelligence</td>
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<td>Topics in Software Security and Reliability</td>
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<td>Topics in Software Engineering</td>
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<td>CS 6655</td>
<td>Digital Logic Design-Principles and Practice with Emphasis on Testable Sequential Circuits</td>
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<td>CS 6699</td>
<td>Research and Thesis</td>
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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 incomplete grade
8. Student participation in course and Program Evaluation
9. Other

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<tr>
<td>Camps</td>
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</table>
Effective Fall 2006

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

CANDIDACY
APPROVED: __________________________ Dean, Graduate School

Adviser __________________________ Date ___________

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

Revised 4-02-07
TROY Publications 384-123
TROY UNIVERSITY
Criminal Justice
Graduate Degree Plan and Progress Record/
Application for Admission to Candidacy
30 Semester Hour Program

Effective Fall 2006

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
2. Official transcript of all academic work
3. Unconditional Admission
4. 39 Semester hours of credit
5. Meet residency requirements
6. No more than two grades below “B”
7. Overall GPA of 3.0
8. Completion of research requirement with a “B” or better
9. All credit earned within 8 years of graduation
10. Admission to Candidacy
11. Successfully complete comprehensive exams
12. Intent to Graduate filed

**REQUIRED CORE COURSES – 15 Semester Hours**

<table>
<thead>
<tr>
<th>COURSE NO</th>
<th>TITLE</th>
<th>HRS</th>
<th>GRADE</th>
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<td>Principles of Administration</td>
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<td>CJ 6620</td>
<td>Current Trends in Criminal Law</td>
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<td>CJ 6622</td>
<td>Seminar in the Administration of Justice</td>
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<td>Court Administration</td>
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**ELECTIVES: 15 Semester hours**

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

**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

Advisor Date

APPROVED: ____________________________
Chair/Associate Dean or Dean

CANDIDACY APPROVED: _______________________
Dean, Graduate School

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

Revised 8-1-06
TROY Publication 384-124
TROY UNIVERSITY
APPLICATION FOR ADMISSION TO CANDIDACY
MASTER OF SCIENCE
ENVIRONMENTAL AND BIOLOGICAL SCIENCES (EBS)
BIOLICAL 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 advisor, 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:

Address: Last First Middle Student ID Number

Street (Apt. No.) City State Zip Code

DEGREE REQUIREMENTS:
1. GRE, or equivalent, test scores submitted.
2. Unconditional Admission
3. 18 semester hours of Troy University credit.
4. No more than two grades below “B”
5. Overall GPA of 3.0
7. All graduate credit earned within 8 years
8. Completion of 36 non-thesis hours or 30 thesis hours outlined below
9. Intent to Graduate form filed
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

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<tr>
<th>Prefix</th>
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<th>Course Title (print or type)</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester/Year</th>
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Required Core Courses (10 Semester Hours)

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<th>Semester/Year</th>
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<td>EBS/BIO</td>
<td>6601</td>
<td>Environmental and Biological Ethics</td>
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<td>EBS/BIO</td>
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<td>Research Methodology and Experimental Design</td>
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Concentration Courses (7 Semester Hours)

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<td>Conservation Biology</td>
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Electives Approved by the Program Advisory Committee (Non-thesis option-19 Semester Hours, Thesis option-7 Semester Hours)

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Thesis Option (6 Semester Hours)

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<td>Thesis Research</td>
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Student’s Signature: __________ Date: __________

Approved: Chair, Biological Sciences Date: __________

Approved: Dean, College of Arts and Sciences Date: __________

Approved: Dean, Graduate School Date: __________

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

Troy Publications 384-196
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: 

Address: 

Last First Middle Student ID Number

Street (Apt. No.) City State Zip Code

DEGREE REQUIREMENTS:
1. GRE, or equivalent, test scores submitted.
2. Unconditional Admission
3. 18 semester hours of Troy University credit.
4. No more than two grades below “B”
5. Overall GPA of 3.0
7. All graduate credit earned within 8 years
8. Completion of 36 non-thesis hours or 30 thesis hours outlined below
9. Intent to Graduate form filed
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

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<tr>
<th>Prefix</th>
<th>Course#</th>
<th>Course Title (print or type)</th>
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<th>Grade</th>
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Required Core Courses (10 Semester Hours)

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<th>Course Title (print or type)</th>
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<th>Grade</th>
<th>Semester/Year</th>
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<td>EBS/BIO</td>
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<td>Research Methodology and Experimental Design</td>
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Concentration Courses (9 Semester Hours)

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<td>EBS/BIO</td>
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<td>Sustainable Development</td>
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Electives Approved by the Program Advisory Committee (Non-thesis option-17 Semester Hours, Thesis option-5 Semester Hours)

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Thesis Option (6 Semester Hours)

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Student’s Signature: ___________________________ Date _____________

Approved: __________________________ Date _____________
Chair, Biological Sciences

Approved: __________________________ Date _____________
Dean, College of Arts and Sciences

Approved: __________________________ Date _____________
Dean, Graduate School

Distribution: White Graduate School
Yellow Student
Green Records
Pink — Biological Sciences
Gold — Advisee

Troy Publications 384-166
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 Credit" or "Academic Evaluation" report.

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

REQUIRED CORE COURSES – 12 Semester Hours

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<td>IR 6601</td>
<td>RESEARCH METHODS IN INTERNATIONAL RELATIONS</td>
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CONCENTRATION COURSES (12-24 HOURS)— Global Studies, National Security, or Regional Affairs

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APPROVED ELECTIVES (0-12 HOURS)

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ITEMS TO BE DISCUSSED

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

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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: ___________________________

STUDENT ACKNOWLEDGEMENT: I hereby apply for Admission to Candidacy.

Student’s Signature Date: ___________________________

APPROVED: ___________________________
Chair/Associate Dean or Dean

CANDIDACY APPROVED: ___________________________
Dean, Graduate School

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

Revised 8-1-06
TROY Publications 384-126
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
2. Official transcript of all academic work
3. Unconditional Admission
4. Semester hours of credit: 36 39 with Internship
5. Meet residency requirements
6. No more than two grades below “B”
7. PA6694 Internship Needed?
8. Overall GPA of 3.0
9. Completion of research requirement with a “B” or better
10. All credit earned within 3 years of graduation
11. Admission to Candidacy
12. Completion of PA 6699 with a “B” or better
13. Intent to Graduate filed

**REQUIRED CORE COURSES – 27 Semester Hours**

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<td>Capstone in Public Administration (Final course or permission of instructor)</td>
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**SELECT ONE: 3 Semester Hours**

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**SELECT ONE: 3 Semester Hours**

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**Nonprofit Management Concentration must take PA 6671: Program Evaluation.**

**CONCENTRATION – 9 Semester Hours**

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<th>TERM/YR</th>
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**INTERNERNSHIP 3 Semester Hours**

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**ITEMS TO BE DISCUSSED**

- One term limit to have transcript(s) and test scores on file
- Temporary, Conditional, and Unconditional Admission
- Availability of faculty for academic advising
- Petition for transfer credit once unconditionally admitted
- Drop and Withdrawal procedures; deadline and consequences
- Petition for an Incomplete grade
- Student participation in course and Program Evaluation
- Foundations of Public Administration: Completed in First Nine (9) Hours

**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 ___________________________

**STUDENT ACKNOWLEDGEMENT:** I hereby apply for Admission to Candidacy.

Student’s Signature ___________________________ Date ___________________________

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

Revised 4-02-97 TROY Publications 384-127