# **COLLEGE OF ARTS AND SCIENCES**

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

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

Degree Program	Troy Campus	Phenix City Campus	Dothan Campus	Montgomery Campus	Global Campus*	eTROY
Computer Science	X			X		
Criminal Justice	X				X	X
Environmental & Biological Sciences	X					X
International Relations	X		X		X	X
Public Administration	X				X	X
Certificate in Government Contracting						X

Please refer to <a href="http://admissions.troy.edu/graduate/academicPrograms">http://admissions.troy.edu/graduate/academicPrograms</a> for specific program availability by location

# MASTER OF SCIENCE IN **COMPUTER SCIENCE**

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:

- 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.
- Facilitate the development of advanced skills in an environment which will ensure both a realistic and varied exposure to contemporary information processing problems.
- Promote the integration and application of cutting edge concepts and approaches in the computer science field.

# Admission Requirements for Master of Science in **Computer Science**

# **Unconditional Admission**

- 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.
- A student must meet the grade point average and Graduate Record Examination (GRE) or equivalent test score requirements.
- Other 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 30 semester hours.
  - An acceptable score on the appropriate entrance exam [GRE 286 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### **Conditional Admission**

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

- 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.
- Students failing to achieve the minimum entrance exam score may satisfy the test requirement by successfully completing nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
- Students not having a 2.5 undergraduate grade point average may satisfy the requirement by the successful completion of nine semester hours of graduate CS courses with a minimum grade point average of 3.0.
- 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 2250 - Computer Science I

CS 2255- Computer Science II

CS 3310 - Foundations of Computer Science

CS 3323 - Data Structures

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

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

# **Transfer Credit**

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.

# **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

- 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.

**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 Dean of the Graduate School.

Thesis	Non-Thesis
1. Admission to candidacy;	1. Admission to candidacy;
2. Complete 30 SH of graduate-level courses to include 6 SH of course CS 6699;	2. Complete 31 SH of graduate-level courses to include 1 SH of course CS 6625;
3. Maintain a minimum overall 3.0 GPA; <b>AND</b>	3. Maintain a minimum overall 3.0 GPA
4. Successfully complete and defend a thesis.	Pass the written comprehensive examination;     AND
	5. Successfully complete an approved research paper.

# **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	
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

Software Engineering

Required Core Courses: (15 sh)

5543

#### Courses

CS

CS

CS

CS

6660

6664

6666

6668

3

3

3

CS	5545	3	Computer Architecture
CS	5549	3	Analysis of Algorithms
CS	5547	3	Applied Systems Analysis
CS	5550	3	Operating System Principles
Elective	Courses:	(9/15	sh)
CS	6640	3	Data Base Management Concepts
CS	6641	3	Society and Information Systems
CS	6643	3	Theory and Design of Compilers
CS	6646	3	Information Systems for Operations and
			Management
CS	6647	3	Simulation and Modeling
CS	6648	3	Operations Research
CS	6650	3	Distributed Systems Principles
CS	6651	3	Artificial Intelligence
CS	6652	3	XML Technology Principles
CS	6653	3	Topics in Software Security and Reliability
CS	6654	3	Topics in Software Engineering
CS	6655	3	Digital Logic Design – Principles and
			Practices with Emphasis on Testable Semicustom Circuits
CS	6656	3	Design and Testing of Reliable Digital Systems

## Other Electives (approved by adviser—semester hours vary)

CS 66	625, 6626,	627 Specialized Study in Computer Science
CS	6649	Special Topics in Computer Science
CS	6662	Special Topics in Game Design
CS	6699	Research and Thesis

Algorithmic Graph Theory

Computer Graphics

Network Security

**High-Performance Computing** 

# MASTER OF SCIENCE IN CRIMINAL JUSTICE

The Master of Science degree in Criminal Justice is designed to broaden and enhance each student's ability to understand, analyze and evaluate issues that confront the American criminal justice system. Included in the objectives of the program's core coursework are (a) to prepare students to understand, analyze and evaluate the principles and functions of personnel administration in criminal justice applications; (b) to prepare students to understand, analyze and evaluate trends and developments affecting the interpretation of the U.S. Constitution in light of historical case precedent; (c) to prepare students to understand, analyze and evaluate issues that affect the structure and functioning of the criminal justice system; and (d) to understand, analyze and evaluate criminological theories that explain criminal behavior and its application to organizational management. Specific institutional objectives of the program are as follows:

- 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;
- 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;
- 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;
- to develop each student's ability to evaluate and appropriately choose solutions to problems that confront the criminal justice system;
- to develop each student's ability to effectively communicate the results of his/her analysis.
- to provide students who seek administrative and managerial positions in the field of criminal justice with the credentials to qualify for those positions;
- 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.

<sup>\*</sup> Also includes a comprehensive examination.

# Admission Requirements For Master of Science in Criminal Justice

#### **Unconditional Admission**

 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 286 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### **Conditional Admission**

Conditional admission may be granted under certain circumstances to applicants who cannot satisfy all unconditional admission requirements to 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 6636) 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.

Require	d Course	s (15 sh)	
CJ	6610	3	Principles of Administration
CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6636	3	Criminological Theory
CJ	6650	3	Survey of Research Methods in Criminal Justice

# Electives (15 sh)

Select any 15 hours of graduate coursework from the following:

Total			30 sh
CJ	6693	3	Masters Project
CJ	6692	3	Agency Experience
CJ	6671	3	Organizational Theory
CJ	6660	3	Advanced Readings in Criminal Justice
CJ	6655	3	Selected Topics in Criminal Justice
CJ	6652	3	Seminar in Corrections
CJ	6649	3	Statistics for Criminal Justice Research
CJ	6644	3	Administrative Law
CJ	6640	3	Seminar in Law Enforcement
CJ	6638	3	Seminar in Civil Liberties Related to Corrections
CI.	((20	2	Correctional Systems
CJ	6635	3	Community-Based Corrections/
CJ	6630	3	Juvenile Justice
CJ	6625	3	Specialized Study
CJ	6624	3	Court Administration
CJ	6621	3	Current Issues in Corrections
CJ	5571	3	Probation, Pardons, and Parole
Sciect ai	iy 15 1100	113 01 81	addate coursework from the following.

OR

#### THESIS OPTION:

Daguinad Courses (as above)

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

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кеции				
Electi	ves			15 sh
Thesis	s Courses			6 sh
CJ	6694	3	Thesis Practicum	
CJ	6695	3	Thesis	
Total				36 sh

# MASTER OF SCIENCE IN ENVIRONMENTAL AND BIOLOGICAL SCIENCES

# **Purpose and Goals**

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

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

# **Prerequisite Requirements**

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

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

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

# **Unconditional Admission**

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

- 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. Have an acceptable score on the appropriate entrance exam [GRE 286 (850 on the old exam) (verbal plus quantitative), MAT 385 or GMAT 380].

#### **Conditional Admission**

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

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

# **Transfer Credit**

A maximum of 12 semester hours taken at another regionally accredited institution, each with a "B" grade or better, can be applied toward the degree. These courses must be comparable in catalog description to Troy University courses in the Department's graduate program and also be approved by the Department Chair. Non-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
- Overall 3.0 GPA
- Successful completion of the comprehensive examination for non-thesis students or a thesis, including a presentation of a public seminar, for thesis students

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

# **Graduate Assistantships**

The Graduate School offers several different types of assistantships and fellowships. Students should check the Graduate School's website (<a href="www.troy.edu/graduateschool/index.html">www.troy.edu/graduateschool/index.html</a>) for details about assistantships and fellowships, deadlines, and copies of application forms. Students should send the completed assis-

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tantship 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 nine semester hours of core courses and 21 semester hours of concentration course options for thesis and 27 semester hours of concentration course options for non-thesis as follows:

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

#### Required Core Courses (9 sh)

EBS	6601	3	Environmental and Biological Ethics
EBS	6630	3	Pollution Science
EBS	6691	3	
			Design

# BIOLOGICAL SCIENCES CONCENTRATION

Select one option below:

Non-Thesis Option: (27 sh) Required courses: (11-12 sh)

Select three courses

Courses with separate lectures and labs must be taken together.

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

Adviser Approved Electives: (15-16 sh)

OR

Thesis Option: (21 sh minimum)

Required courses: (9-10 sh)

EBS 6695 6 Thesis Research

Select one course:

Courses with separate lectures and labs must be taken together.

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EBS	5513	3	Limnology
EBS	L513	1	Limnology Lab
EBS	5516	3	Microbial Ecology
EBS	L516	1	Microbial Ecology Lab
EBS	5521	3	Population Ecology
EBS	L521	1	Population Ecology Lab
EBS	5530	3	Applied Genetics
EBS	L530	1	Applied Genetics Lab

EBS	6621	3	Environmental Toxicology
EBS	6661	3	Conservation Biology
Adviser	Approved	d Eleci	tive Courses: (11-12 sh)

# ENVIRONMENTAL POLICY CONCENTRATION

Non-Thesis Option: (27 sh)

Select n	Select nine courses						
EBS	5550	3	Environmental History of the U.S.				
EBS	6603	3	Environmental Management				
EBS	6611	3	Global Pollution and International Environmental Policy				
EBS	6612	3	Environmental Impact Studies/Risk Management				
EBS	6615	3	Environmental Law, Permitting, and Regulatory Compliance				
EBS	6621	3	Environmental Toxicology				
EBS	6624	3	Public Health				
EBS	6635	3	Land Use Planning				
EBS	6637	3	Environmental Economics				
EBS	6665	3	Sustainable Development				
PA	6622	3	Public Policy				
PA	6645	3	Managing Government Contracts				
PA	6630	3	Strategic Planning				
PA	6631	3	Program Evaluation				

# **ENVIRONMENTAL SCIENCE CONCENTRATION Select one option below:**

Non-Thesis Option: (27 sh)

Required courses (13 sh)

EBS	6603	3	Environmental Management
EBS	6612	3	Environmental Impact Studies and Risk Management
EBS	6621	3	Environmental Toxicology
EBS	L630	1	Pollution Science Laboratory
EBS	6665	3	Sustainable Development

Adviser Approved Electives courses: (14 sh)

OR

Thesis Option: (21 sh minimum)

Required courses: (9 sh)

EBS 6695 6 Thesis Research

Select one course:

EBS 6603 3 Environmental Management EBS 6665 3 Sustainable Development

Adviser Approved Electives: (12 sh)

# MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

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

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

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

# **Prerequisite Requirements**

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

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

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

# Admission Requirements for the Master of Science in International Relations Degree

# **Unconditional Admission**

 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

 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

 Have an acceptable score on the appropriate entrance exam [GRE 291 (920 on the old exam) (verbal plus quantitative), MAT 396, GMAT 490].

### **Conditional Admission**

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

# **Transfer Credit**

A maximum of four courses (12 semester credit hours) taken at another regionally accredited institution, each with a "B" or better grade, can be applied toward the degree; graduate-level courses completed by U.S. service personnel in Professional Military Education programs may also qualify for transfer credit. These courses must be comparable in catalog description to Troy University courses in the MSIR program and must be recommended for transfer credit by the Chair of the Department of Political Science and approved by the Dean of the Graduate School.

# Requirements for Admission to Candidacy

MSIR students and their faculty advisors must complete a "Graduate Degree Plan and Progress Report" within the first 18 semester hours of the program or a hold will be placed on the students' registration. Further guidance on Admission to Candidacy is provided in the *Graduate Catalog's* General Regulations section under "Admission to Candidacy or Degree Plan." 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
- Successful completion of the comprehensive examination or a thesis\*
- Successful completion ("B" or better) of IR 6601 Research Methods in International Relations, the program research requirement
- 6. Admission to candidacy
- $*The\ thesis\ option\ is\ not\ available\ to\ eTROY\ students.$

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

Requir	ed Core	Course	es: (12 sh)	IR	6631	3	Intercultural Relations
			ast take the following four courses:	IR	6633	3	Developed and Developing Nations
			C	IR	6634	3	Tradition, Revolution, and Change
IR	5551	3	Survey of International Relations	IR	6635	3	National Security Policy
IR	6601	3	Research Methods in International Relations	IR	6640	3	Government and Politics of Developing Nations
IR	6620	3	International Political Economy	IR	6641	3	Latin America in World Affairs
IR	6652	3	Theory and Ideology of International Relations	IR	6642	3	Russia and Eastern Europe in World Affairs
				IR	6644	3	Middle East in World Affairs
MSIR	Concent	ration	Options:	IR	6645	3	Asia in World Affairs
Studen	ts must ch	hoose	ONE of the following concentrations:	IR	6647	3	Western Europe in World Affairs
•	Globa	l Studi	ies (24 sh)	IR	6648	3	Sub-Saharan Africa in World Affairs
•			curity Affairs (24 sh)	IR	6653	3	Political Psychology
•			fairs (24 sh)	IR	6654	3	Media, Technology, and International Politics
				IR	6655	3	International Conflict Management
			CONCENTRATION: (24 sh)	IR	6656	3	International Power and Influence
Studen GEO	ts may ch 5506	oose a	ny eight of the following courses: Urbanism	IR	6660	3	Military Strategy and International Relations
GEO	5511	3	Demography	IR	6665	3	Readings in International Relations
GEO	5526	3	Geography of the Russian Realm	IR	6668	3	Thesis
GEO	6624	3	Geographic Characteristics of the	IR	6669	3	Thesis
			Developing Realm	IR	6670	3	United Kingdom in World Affairs
HIS	5503	3	Contemporary Europe	IR	6672	3	Germany in World Affairs
HIS	5504	3	Military History of the United States	IR	6675	3	Central America in World Affairs
HIS	5510	3	England since 1688	IR	6676	3	Japan in World Affairs
HIS	5515	3	Contemporary America, 1945 to Present	IR	6677	3	China in World Affairs
HIS	5523	3	U.S. Foreign Policy to 1920	IR	6681	3	Tribalism and Colonialism in Africa
HIS	5532	3	Russia to 1861	IR	6685	3	Terrorism and Political Violence
HIS	5533	3	Russia since 1861	IR	6686	3	Drug Politics in the Americas
HIS HIS	5545 5551	3	Modern Germany Modern East Asia	IR	6687	3	Free Trade and Economic Integration in the Americas
HIS	5583	3	Latin American States	IR	6688	3	Islamic Fundamentalism
HIS HIS	5552 5536	3	History of Africa History of the Middle East	IR	6650	3	Environmental Security, Conflict, and Development
HIS	6614	3	Contemporary Japan	PA	6610	3	Foundations of Public Administration
HIS	6615	3	Seminar in Latin American History				
IR	5502	3	International Political Geography	NATI	ONAL SE	CURI	TY AFFAIRS CONCENTRATION: (24 sh)
IR	5524	3	Contemporary American Foreign Policy	Stude	nts must c	choose	any four of the following courses: (12sh)
IR	5533	3	Comparative Government	HIS	5504	3	Military History of the United States
IR	5552	3	International Law	IR	5524	3	Contemporary American Foreign Policy
IR	5570	3	Politics of Southeast Asia	IR	5552	3	International Law
IR	6600	3	Selected Topics in International Relations	IR	6602	3	Geostrategic Studies
IR	6602	3	Geostrategic Studies	IR	6635	3	National Security Policy
IR	6610	3	International Organizations	IR	6656	3	International Power and Influence
IR	6612	3	Comparative Public Policy	IR	6660	3	Military Strategy and International
IR	6625	3	Specialized Study in International Relations				Relations
	6626 6627		-	IR	6685	3	Terrorism and Political Violence
IR	6629 6630	3	Seminar in International Relations	S	Students <b>m</b>	ust ch	urses: (12 sh) oose four courses from the remaining elecbal Studies Concentration.

## **REGIONAL AFFAIRS CONCENTRATION: (24 sh)**

# 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:

### Africa and Middle East

Students must take at least one course focused on Africa and one focused on the Middle East

focuse	d on the M		East
HIS	5552	3	History of Africa
HIS	5536	3	History of the Middle East
IR	6640	3	Government and Politics in Developing Nations
IR	6648	3	Sub-Saharan Africa in World Affairs
IR	6681	3	Tribalism and Colonialism in Africa
IR	6644	3	Middle East in World Affairs
IR	6688	3	Islamic Fundamentalism
Asia			
GEO	5526	3	Geography of the Russian Realm
HIS	5551	3	Modern East Asia
HIS	6614	3	Contemporary Japan
IR	5570	3	Politics of Southeast Asia
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
Europ	e		
GEO	5526	3	Geography of the Russian Realm
HIS	5503	3	Contemporary Europe
HIS	5510	3	England Since 1688
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
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

Free Trade and Economic Integration in

the Americas

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:

- Comprehensive Examination Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time MSIR faculty, reviewed by the Chair, and certified by the Graduate Dean. Troy University faculty and staff administer comprehensive examinations.
- 2. Thesis \*— Students choosing the thesis option must register for IR 6668 (3 credit hours) and IR 6669 (3 credit hours) as their last two courses in the program. They must successfully research, write, and defend their thesis while taking IR 6668 and IR 6669. This process involves directed research in selected areas of international relations, based on the student's proposal, related to the student's needs, with the advice and approval of a thesis adviser and a faculty reader, and culminating in a substantive research paper of appropriate depth and scholarship. Students will receive a Pass or Fail for the two thesis courses, no letter grade. Students completing this option are not required to take the Comprehensive Examination.

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 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 in a paraprofessional, professional, technical, or supervisory position that involves relevant service to the profession and/or public service will complete an additional three-hour internship course for a total of 39 credit hours. Students may take courses as pre-service, in-service, full-time, and part-time students and through eTROY. The MPA degree program is offered at Global Campus sites throughout the United States, through online courses, and at the Troy campus.

# Accreditation

The Troy University Master of Public Administration (MPA) degree is accredited by the National Association of Schools of

6687

IR

<sup>\*</sup> The thesis option is not available to eTROY students.

Public Affairs and Administration (NASPAA).

# Admission Requirements for Master of Public Administration

To apply for admission to the Master of Public Administration program, applicants must submit the following material to the relevant Troy University address specified in the *Graduate Catalog's* General Regulations section under "Pre Admission Procedures Application Forms":

- 1. Completed application form.
- 2. Official transcript(s) from all universities attended;
- 3. Official copy of GRE,M AT or GMAT scores;
- A letter of recommendation that addresses the applicant's potential for success in professional graduate studies and public service;
- A 500 word essay addressing the applicant's professional goals, readiness, and potential for completing the MPA program; and,
- A resume listing professional experience, certifications, and other preparation.

Except for holders of an MPA/MPP degree from a NASPAA accredited program, the MPA admission requirements apply to all TROY MPA program applicants, including:

- Admission with a master's or higher degree from a regionally accredited university (official copy of GRE, MAT or GMAT scores not required)
- Admission to the Graduate Certificate in Government Contracting option

MPA program applicants are not allowed to register for MPA courses without completion of all admissions requirements. Students enrolled in other accredited universities who wish to take Troy University MPA courses may use the Transient Admission Procedures specified in the General Regulations section of this *Catalog*.

## **Unconditional Admission**

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

- Applicants who have completed a master's or higher degree from a regionally accredited college or university.
  - OK
- A bachelor's degree from a regionally accredited college or university;
- Achieved a minimum of 2.5 GPA in all undergraduate courses or a minimum 3.0 GPA in the last thirty undergraduate semester hours;
- 4. Have an acceptable score on the appropriate entrance exam: GRE 291 (920 on the old exam) (verbal plus quantitative), MAT 400, or GMAT 490.

In addition to these criteria, the MPA admissions process takes into account an applicant's letter of recommendation, essay, and resumé in determining whether or not the applicant is admitted to the program and assigned Unconditional or Conditional Admission status.

#### **Conditional Admission**

Upon recommendation by the MPA Admissions Committee and approval by the Director of the MPA Program, conditional admission may be granted under certain circumstances to applicants who do not satisfy all unconditional admission requirements. See also conditional admission requirements in the General Regu-

lations 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 MPA degree. Transfer credit for MPA core courses is limited to courses completed at National Association of Schools of Public Affairs and Administration (NASPAA) accredited MPA programs. These courses must be comparable in catalog description to courses in the MPA program and recommended by the Director of the MPA Program and approved by the Dean of the Graduate School. Professional Military Education (PME) courses and programs will not be accepted as transfer credits for Public Administration core courses but may be accepted as transfer credit for elective courses.

# Admission to Candidacy/Degree Plan

MPA students and their faculty advisors must complete a "Graduate Degree Plan and Progress Report" within the first 18 semester hours of the program or a hold will be placed on the students' registration. Further guidance on Admission to Candidacy is provided in the *Graduate Catalog's* General Regulations section under "Admission to Candidacy or Degree Plan." MPA student internship requirement status must be specified and documented with the Graduate Degree Plan and Progress Report.

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.

It is strongly recommended that students complete PA 6601-Research Methods in Public Administration and PA 6610-Foundation of Public Administration within their initial 18 hours in the MPA program.

# **Internship Requirements**

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

## **Research Requirement**

# For Initial Master's Degree

All graduate programs require certification of the student's ability to do research in a specialization. For the MPA program, this requirement is met by achieving a grade of "B" or better in PA 6601. Students must repeat PA 6601 if a grade of "C" or below is attained.

# For Second Master's Degree

If the research requirement was completed for the first master's degree with a "B" or above, students are exempt from this requirement in the MPA program. Students exercising this exemption must complete an additional elective course in their program, or obtain approved transfer credit to achieve the minimum required credits for graduation.

# **Degree Requirements**

- 1. Unconditional Admission
- 2. Overall 3.0 GPA
- 3. Admission to candidacy
- Successful completion of PA6699, Capstone in Public Administration, with a grade of "B" or better
- 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.

# Required Core Courses · (27 SH)

кец	uirea Cor	e Coi	irses . (2/ SII)
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 Man-
			agement
PA	6674	3	Ethics in Public Administration
PA	6699	3	Capstone in Public Administration
PA	6602	3	Quantitative Methods in Public Management
	OR		
PA	6603	3	Economics for Public Management

<sup>\*</sup>Students in Nonprofit Management concentration must take PA 6631. PA 6601 must be completed prior to taking PA 6631.

Program Evaluation

#### Concentrations (9 hours)

OR PA 6631

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

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

# **Concentrations**

# **Government Contracting**

			0
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 Administration**

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

Nation	nai secui	$\mathbf{n}_{\mathbf{y}}$	Miairs
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	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International
			Relations

# Nonprofit Management\*

6630	3	Strategic Planning
6631	3	Program Evaluation
6666	3	Foundations of Nonprofit Organizations
6667	3	Executive Leadership in Nonprofit
		Organizations
6668	3	Grant Management for Public and Non-profit Organizations
6669	3	Nonprofit Financial Management
	6631 6666 6667 6668	6631 3 6666 3 6667 3

<sup>\*</sup> Students in Nonprofit Management must take PA 6631. PA 6601 must be completed prior to taking PA 6631.

# **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	<b>Economics for Public Management</b>
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

#### 34 COLLEGE OF ARTS AND SCIENCES

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	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 may be utilized in any concentration with the prior approval of the Director of the MPA Program. In combination, these courses may not be used for more than six total credit hours. A course completed for one concentration cannot be used for another concentration.

# GRADUATE CERTIFICATE IN GOVERNMENT CONTRACTING

# **Admission Requirements:**

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

## **Course Requirements:**

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

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

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

# **Other Requirements:**

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

- Certification Intent
- Certificate Plan and Progress Record
- Copy of student transcript

CS 6668

Network Security

# TROY UNIVERSITY

MASTER IN COMPUTER SCIENCE

TROY Publication 384-123 Revised: 6/2012 Page 1 of 2

Graduate Degree Plan and Progress Record

Name:	Student ID#:			ampus:	
Address:			Email:		
Copy of transcrip	t must be attached. May not use "Student Academic Credits	or "Aca	demic Evalu	uation" repor	t.
DEGREE REQUIR					
1. GRE, or equival	ent exam, test scores admitted 7. Overall G	PA of 3.0			
2. Official transcri				nent with a "B	
3. Unconditional			ithin 8 years	of graduation	
4. 30/31 Semester	3,,-		Commence of the Commence of th	toro il transcriptor	- Carl - 1 - 1
5. Meet residency				nensive exam o	orthesis
	wo grades below "B" 12. Intent to				
	OURSES Required for students with Bachelor's Degree outside			1	Ten suscen anenie
COURSE NO.	TITLE	HRS.	GRADE	TERM/YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255	Computer Science II	3			
CS 3310	Foundations of Computer Science Concepts	3			
CS 3323	Data Structures	3			
coursework. REQUIRED CORE	COURSES (15 Semester Hours)				
CS 5543	Software Engineering	3			
CS 5545	Computer Architecture	3			
CS 5547	Applied Systems Analysis	3			
CS 5549	Analysis of Alogithms	3			
CS 5550	Operating System Principles	3			
ELECTIVES: (15/	(16 Semester Hours)				
CS 6640	Data Base Management Concepts	3			
CS 6641	Society and Information Systems	3			
CS 6643	Theory and Design of Compileers	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 Practice with Emphasis on Testable Semicustom Circuits	3			
CS 6656	Design and Testing of Reliable Digital Systems	3			
CS 6660	Algorithmic Graph Theory	3			
CS 6664	High-Performance Computing	3			
CS 6666	Computer Graphics	3			

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DVISER APPROVE	ELECTIVES:	Semester	hours vary
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CS 6625*	Specialized Study in Computer Science	
CS 6626*	Specialized Study in Computer Science	
CS 6627*	Specialized Study in Computer Science	
CS 6649	Special Topics in Game Design	
CS 6699	Research and Thesis	- ( )

<sup>\*</sup> Total credit for any combination of enrollments in the specialized study courses may not exceed three semester hours.

CANCER SECTIONS		P	rogress:		
ITEMS TO BE DISCUSSED:			STATUS	DATE	INITIALS
1. One term limit to have transcript(s) and test scores		G	onditional		
2. Temporary, Conditional, and Unconditional Admissi  3. Availability of faculty for academic advising  4. Petition for transfer credit once unconditionally adn  5. Class attendance  6. Drop and Withdrawal procedures; deadlines and co  7. Petition for an incomplete grade  8. Student participation in course and program evaluation  9. Thesis and non-thesis options	nitted nsequences	Re ui Re sc	est Scores equirement for minimum ndergraduate GPA waived equirement for minimum core of GRE waived nconditional		
10. Other		C	andidacy		
		C	omps		
STUDENT ACKNOWLEDGEMENT: I have read the cudegree. I have received academic advising for my Fac	The second secon	Action of the second second second second	기계에 많아나 아이들이 가지 않는데 하면 하면 가게 되었다. 그런 그 이렇게 되었다면 그리고 있다. 나는 이렇게	s and requirement	s of the above
Student's Signature	Date		Chair/Associate Dean c	r Dean	Date
		Approved:			
Faculty Adviser	Date	A CONTRACTOR OF	Associate Dean or Dean, Gr.	aduate School	Date

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM

# TROY UNIVERSITY

TROY Publication 384-124 Revised: 3/2012

# **MASTER IN CRIMINAL JUSTICE**

Graduate Degree Plan and Progress Record 30 / 36 Semester-Hour Program

16.		Approved	d:				
tudent's Signature		Date Approved		hair/Associa	te Dean or Dea	in	Date
	WLEDGEMENT:   have read the current vived academic advising for my Faculty			ledge the co	ntents and rec	uirements	of the above
9. Comprehensi	ve Examination Requirements						
	cipation in course and program evaluation						
	hdrawal procedures; deadlines and consequ n incomplete grade	iences	L	. ==, ==010			
5. Class attenda		ioneos	+	Test Score			
	ansfer credit once unconditionally admitted		1	Unconditio	(20)		
	faculty for academic advising			Condition		e V	, ,,,,,,,,,,
2. Temporary, C	onditional, and Unconditional Admission		Ϋ́	TYPE		ATE	INITIALS
1. One term lim	it to have transcript(s) and test scores on file		1	DMISSION	STATUS:		
EMS TO BE DIS	CUSSED:						
CJ 6695	Thesis		3			1	
CJ 6694	Thesis Practicum		3				
HESIS OPTION	: (6 Semester Hours) Complete all	above requirements plus	the course	s listed belo	w. * Available	e Troy Car	mpus only
ECTIVES: (15	Semester Hours) Select 5 courses fro	om approved elective cou	ırses. See (	Graduate Ca	talog for list.		
CJ 6650	Survey of Research Methods in (	Criminal Justice	3				
CJ 6636	Criminological Theory		3			4-	
CJ 6622	Seminar in the Administration of	of Justice	3				
CJ 6620	Current Trends in Criminal Law	No. was	3				
CJ 6610	Principles of Administration		3				
COURSE NO.	TITLE		HRS.	GRADE	TERM/YR	TRANSFI	ER CREDIT
EQUIRED CORE	COURSES (15 Semester Hours)						
The state of the s	, wo grades below "B"	12. Intent t					
Meet residency				lete comprel	ensive exam o	or thesis	
Unconditional 30/36 Semester		9. All cred 10. Degree		ithin 8 years	of graduation		
	pt of all academic work				nent with a "B	" or better	
	ent exam, test scores admitted	7. Overall	GPA of 3.0				
GREE REQUIR		radelli ricadelli e cical	to or rea	acriiic Evait	action repor	-1	
	t must be attached. May not use "S	tudent Academic Credi	ts" or "Aca	Email: demic Evali	iation" renor		
dress:				1			
ame:		Student ID#:			ampus:		

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2012-2013

TROY UNIVERSITY

TROY Publication 384-126 Revised: 6/2012

# M.S. - ENVIRONMENTAL AND BIOLOGICAL SCIENCES (EBS)

Graduate Degree Plan and Progress Record 30/36 Semester-Hour Program

Name:		Student ID#:			Campus:		
Address:				Email:			
Copy of transcript	must be attached. May not use "S	tudent Academic Cred	dits" or "Aca	ــــا اdemic Eval	uation" repor	t.	
DEGREE REQUIRE	EMENTS:						
	nt exam, test scores admitted		II GPA of 3.0				
	t of all academic work			A Committee of the Comm	ment with a "B	or better	
<ol> <li>Unconditional A</li> <li>30-36 Semester</li> </ol>				ithin 8 years	of graduation		
			ee plan filed	luku suusiaasi			-1
<ol><li>Meet residency r</li><li>No more than tw</li></ol>			t to Graduate		hensive exam o	or thesis (5	elect One)
	COURSES (9 Semester Hours)	12. Inten	to Graduate	e illea			
COURSE NO.	TITLE		HRS.	GRADE	TERM / YR	TRANSF	ER CREDIT
EBS/BIO 6601	Environmental and Biological Et	hics	3	GIIIIDE	(CAM)	11113(13)	En Chebit
EBS/BIO 6630	Pollution Science	ilics	3				
	0.000.774.57 (MALESZET E.G.)	A CONTRACTOR					
EBS/BIO 6691	Research Methodology and Exp COURSES: (21-27 Semester Hou	N = 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3				onmental Science
THESIS OPTION*	Complete 21 sh of selected concen	ration courses plus the	sis courses.	* Not avail	able to eTRO	Y student	S.
EBS/BIO 6695	Thesis Research		3				
EBS/BIO 6695	Thesis Research		3				
2. Temporary, Co 3. Availability of 4. Petition for tra 5. Class attendan	to have transcript(s) and test scores on file nditional, and Unconditional Admission faculty for academic advising nsfer credit once unconditionally admitted ce	courses MU courses. St undergradu	ST be com udents on uate course	pleted befo Federal Fin	ore students ancial Aid m y have begu I STATUS:	enroll in ay NOT e	andergraduate any graduate enroll in te coursework.
	drawal procedures; deadlines and consequ	ences		Condition		and Hi	HAILITALS.
	incomplete grade			Uncondition	20.		
	pation in course and program evaluation			The comments of the comments o	- Ottorson		
	Examination Requirements		X Table	Test Scor		of the same at the same	7.15
	<b>/LEDGEMENT</b> : I have read the current ved academic advising from my Facult			riedge the co	ontents and rec	Juirements	of the above
		Approv					
Student's Signature		Date Approv		Thair/Associa	te Dean or Dea	in	Date
Faculty Adviser		Date Approv		iate Dean or	Dean, Graduat	e School	Date

# TROY UNIVERSITY

TROY Publication 384-126 Revised: 3/2012

MASTER of SCIENCE IN INTERNATIONAL RELATIONS Graduate Degree Plan and Progress Record

36 Semester-Hour Program

Name:		Studer	nt ID#:		C	ampus:		
Address:					Email:			
DEGREE REQUIR		e "Student Aca			ے د demic Evalu	uation" report		
<ol> <li>Official transcrip</li> <li>Unconditional A</li> <li>36 Semester hor</li> <li>Meet residency r</li> <li>No more than tw</li> </ol>	urs of credit requirements vo grades below "B"		7. Overall GP/ 8. Completion 9. All credit e- 10. Degree pla 11. Successfull 12. Intent to G	of resear arned w n filed y compl	ithin 8 years ete compreh	of graduation		
COURSE NO.	COURSES (12 Semester Hours	5)		HRS.	GRADE	TERM / YR	TRANSE	ER CREDIT
IR 5551	Survey of International Relat	ions		3	GNADL	TERMIT IN	INAMSE	LN CNEDIT
IR 6601	Research Methods in Interna	4.0		3				
IR 6620	International Political Econo	5-1-2-2-1 M Sept. 4.1-2-2	13	3				
IR 6652	Theory & Ideology of Interna		c	3				
	N COURSES: (12 -24 Semester alog for list of required courses a		Global Studie ectives for the se			ecurity Affairs	, neg	notial Alfalis
in the program.	: Complete 18 sh of selected con	centration cour		* Not a		r for Thesis co		he last two courses
IR 6668 IR 6669	Thesis			3				
ITEMS TO BE DIS					DMISSION TYPE		ATE	INITIALS
	faculty for academic advising			11	Condition		.,,_	V, TTI TES
4. Petition for tra	nsfer credit once unconditionally admi	itted		10	Unconditio	771		
5. Class attendar					Test Score	V-12-		
7. Petition for an 8. Student partic 9. Comprehensiv	ndrawal procedures; deadlines and con incomplete grade ipation in course and program evaluati e Examination Requirements VLEDGEMENT: I have read the cur	ion	uate Catalog and	acknow	ledge the co	ntents and req	uirements	of the above
	ived academic advising from my Fa	the state of the s	CASE SERVICE SERVICE SERVICES					and the state of
Student's Signature		Date	Approved:	C	hair/Associat	te Dean or Dea	n	Date
Faculty Adviser		Date		Assoc	iate Dean or	Dean, Graduat	e School	Date

# TROY UNIVERSITY

TROY Publication 384-127 Revised: 6/2012

# MASTER OF PUBLIC ADMINSTRATION

Graduate Degree Plan and Progress Record 36 / 39 Semester-Hour Program

Address:	Student ID#:			Campus:		
addiess.			Email:			
	t must be attached. May not use "Student Academic Credit	s" or "Aca		uation" repo	rt.	
DEGREE REQUI			d or waived			
. Admission to M						
		ion of res	earch requir	ement (PA 660	1) with a	"B" or better
. Unconditional A				s of graduatio		
. 36 Semester ho	urs of coursework credit (39 with Internship) 11. Degree					
. Meet residency	requirements 12. Comple	tion of cap	pstone (PA 6	699) with a gr	ade of "B	" or better
. No more than t	wo grades below "B" 13. Intent to	o Graduat	e filed			
EQUIRED CORE	COURSES (24 Semester Hours)					
COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANS	ER CREDIT
PA 6601	Research Methods in Public Administration	3				
PA 6610	Foundations of Public Administration (Complete w/in first 9 sh)	3				
	Select One of the following: PA 6620 OR PA 6646	3				
PA 6622	Public Policy	3				
PA 6624	Public Human Resource Management	3				
PA 6650	Governmental Budgeting and Financial Management	3				
PA 6674	Ethics in Public Administration	3				
PA 6699	Capstone in Public Administration (Final course of program)	3				
	3 Semester Hours)					
PA 6602	Quantitative Methods in Public Management	3	Í	Ť	Ť	
PA 6603	Economics for Public Managers	3			-	
PA 6631*	Program Evaluation	3				
	ement Concentration must take PA 6631 Program Evaluation  N: (9 Semester Hours)	ealthcare	Administra	ation ( Jus	tice Adı	ministration
ONCENTRATIO	N: (9 Semester Hours) C Government Contracting C Herity Affairs C Nonprofit Management C Public Human					
ONCENTRATIO  National Secu	N: (9 Semester Hours) CGovernment Contracting CH					
ONCENTRATIO  National Secur  A 6694 - INTER	N: (9 Semester Hours)	Resource 3	Managem	ent C Publi		
ONCENTRATIO  National Secur  PA 6694 - INTERI	N: (9 Semester Hours)	Resource 3	Managem	ent (Publi	c Manag	gement
PA 6694 - INTERITEMS TO BE DIS	N: (9 Semester Hours)  Government Contracting  Hrity Affairs  Nonprofit Management  Public Human  NSHIP: (3 Semester Hours)  Required  Waived	3 ADI	Managem  MISSION STATE	ent C Publi	c Manag	
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Graduate School (Optional)

Date

TROY Publication 384-201 2012-2013 Revised 3/2012

# TROY UNIVERSITY GRADUATE CERTIFICATE IN GOVERNMENT CONTRACTING

Certificate Plan and Progress Record Certificate Verification 12 Semester-Hours

Academic Evaluation" report DEGREE REQUIREMENTS: 1. Admitted to the MPA prog 2. Official transcript of all aca 3. Unconditional Admission 4. 12 Semester hours of cred 5. Meet residency requirement 6. No more than two grades be REQUIRED CERTIFICATE C COURSE NO. PA 6645 Manag PA 6647 Advan PA 6648 Contra	rt. am lemic work ts elow "B" <b>DURSES:</b> (12 Semester	r Hours) TITLE acts		not use "Stu		emic Credits" or
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