
MASTER OF SCIENCE IN COMPUTER SCIENCE

PROGRAM OBJECTIVES

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

1. Provide students with opportunities to refine their

Non-Thesis Option*

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

* Includes a research project and a comprehensive examination.

MASTER OF SCIENCE IN CRIMINAL JUSTICE

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

1. to prepare students to fulfill a need in American society for professional law enforcement personnel and competent criminal justice administrators by providing educational programs that develop each student’s problem solving skills in ways that prepare the student to address the issues that arise in the dynamic and evolving criminal justice field;
2. to develop each student’s ability to synthesize and apply knowledge of the critical theories and concepts in the field of criminal justice in their problem solving analysis;
3. to develop each student’s ability to identify and develop alternative solutions to problems that confront the modern criminal justice system based on their knowledge of current theories and concepts;
4. to develop each student’s ability to evaluate and appropriately choose solutions to problems that confront the criminal justice system;
5. to develop each student’s ability to effectively communicate the results of his/her analysis.
6. to provide students who seek administrative and managerial positions in the field of criminal justice with the credentials to qualify for those positions;
7. to provide an appropriate program of graduate study for students who are interested in research in the field of criminal justice and in advanced graduate study.

PREREQUISITE REQUIREMENTS

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

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

ADMISSION REQUIREMENTS FOR MASTER OF SCIENCE IN CRIMINAL JUSTICE

Unconditional Admission

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

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

OR

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

AND

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

Conditional Admission

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

CURRICULUM

All courses offer three semester hours credit.

TRANSFER CREDIT

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

REQUIREMENTS FOR ADMISSION TO CANDIDACY

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

- 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

EAM	L609	1	Environmental Chemistry Lab
EAM	6621	3	Environmental Toxicology

B) Select one course with its corresponding lab:

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

C) Electives (15 hours)

Thesis option (20 hours minimum)

A) *Required courses:*

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

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

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

C) Electives 3-6 hours

D) EAM 6695 2-6 Thesis Research

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

PREREQUISITE REQUIREMENTS

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

Students with undergraduate degrees in areas not included in the curriculum are encouraged to inquire about the program. Graduates of the Master of Science in International Relations program have included individuals with undergraduate degrees in the social sciences as well as in such areas as English, foreign language, engineering, chemistry, mathematics, psychology, education, and business administration.

ADMISSION REQUIREMENTS FOR THE MASTER OF SCIENCE IN INTERNATIONAL RELATIONS DEGREE

Unconditional Admission

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

1. Hold a master's or higher degree from a regionally accredited university. No test score is required. An official transcript (FOR TOC1 vers4.er)6.or high)1.8(

MASTER OF SCIENCE IN INTERNATIONAL RELATIONS

PROGRAM OVERVIEW AND OBJECTIVES

World politics has undergone a profound alteration over the past two decades. The collapse of the former Soviet Union, the evolution of the European Union, recent events in the Middle East and Central Asia, as well as the rise of non-state power centers such as al-Qa'ida, clearly demonstrate a significant paradigm shift in international affairs. The Cold War, which dominated global events for nearly five decades, is over. Yet, what replaces the institutions of that era is not altogether clear. What is clear is that the world community is increasingly interdependent, traditional identities and cultural norms are challenged, and new conflicts emerge.

The Master of Science in International Relations (MSIR) degree program is a 12-course, 36-credit-hour curriculum of study designed to provide students the foundation and knowledge needed for understanding the conduct of international relations. Students are encouraged to gain a wide-ranging appreciation for the political, historical, cultural, economic, and geographical factors that affect international relations. This appreciation is accomplished through an interdisciplinary course of instruction that draws upon a variety of resources. In addition, students develop methodological, analytical, and theoretical skills necessary for understanding and evaluating the impact of global and national issues on world events.

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

REQUIREMENTS FOR ADMISSION TO CANDIDACY

1. To be admitted to candidacy, students must have a 3.0 GPA

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

NATIONAL SECURITY AFFAIRS CONCENTRATION

Students must choose any four of the following courses:

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

Free electives:

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

REGIONAL AFFAIRS CONCENTRATION

Core Courses

Students must take each of the following courses:

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

Concentration Relevant Electives

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

Latin America

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

Europe

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

Asia

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

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

Free electives

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

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

1. **Comprehensive Examination** – Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time faculty and submitted to the College of Arts and Sciences for review. Troy University faculty and staff administer comprehensive examinations.
2. **Thesis** — Students choosing the thesis option must register for IR 6668 (3 credit hours) and IR 6669 (3 credit hours) as their last two courses in the program. They must then successfully research, write, and defend a thesis. This process of ITT4 1, basedo

- (2) enabling students to build skill competency required for success in administrative, managerial, analytical, and leadership roles;

4. Students with less than one year work experience in a para-

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

MANAGEMENT INFORMATION SYSTEMS

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

NATIONAL SECURITY AFFAIRS

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

NONPROFIT MANAGEMENT

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

PUBLIC HUMAN RESOURCE MANAGEMENT

HRM	6601	3	Legal Environment of Employment Decisions
HRM	6604	3	Labor Law
HRM	6619	3	Seminar in Human Resources Administration
HRM	6622	3	Human Resources Staffing
HRM	6623	3	Training and Human Resources Development
HRM	6632	3	Compensation and Ben 3ih 66 3ih 66 3ih 66 3ihp9ih 66 3ihp9iaT*0 Tc0 Tw(nom)02 y3

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