
**MASTER OF SCIENCE IN
COMPUTER SCIENCE**

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:

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 op-

6h-2(**Non-thesis** The rrognose a ceap7.1(ever b)675(ey-5.9 th)7.45()TJ-2 -1.1433 TD0.0004 Tc0.1062 Tw[preamrch]sucer.ei

CS 6641 – Society and Information Systems	3 SH
CS 6643 – Theory and Design of Compilers	3 SH
CS 6646 – Information Systems for Operations and Management	3 SH
CS 6647 – Simulation and Modeling	3 SH
CS 6648 – Operations Research	3 SH
CS 6650 – Distributed Systems Principles	3 SH
CS 6651 – Artificial Intelligence	3 SH
CS 6652 – XML Technology Principles	3 SH
CS 6653 – Topics in Software Security and Reliability	3 SH
CS 6654 – Topics in Software Engineering	3 SH
CS 6655 – Digital Logic Design – Principles and Practices with Emphasis on Testable Semicustom Circuits	3 SH
CS 6656 – Design and Testing of Reliable	3 SH

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

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

Core Courses and Concentrations

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

HIS	5523	3	U.S. Foreign Policy to 1920
HIS	5532	3	Russia to 1861
HIS	5533	3	Russia since 1861
HIS	5545	3	Modern Germany
HIS	5551	3	The Far East
HIS	5583	3	Latin American States
HIS	6614	3	Contemporary Japan
HIS	6615	3	Seminar in Latin American History
IR	5502	3	International Political Geography
IR	5524	3	Contemporary American Foreign Policy
IR	5533	3	Comparative Government
IR	5552	3	International Law
IR	5570	3	Politics of Southeast Asia
IR	6600	3	Selected Topics in International Relations
IR	6602	3	Geostrategic Studies
IR	6610	3	International Organizations
IR	6612	3	Comparative Public Policy
IR	6625, 6626, 6627	3	Specialized Study in International Relations
IR	6629, 6630	3	Seminar in International Relations
IR	6631	3	Intercultural Relations
IR	6633	3	Developed and Developing Nations
IR	6634	3	Tradition, Revolution, and Change
IR	6635	3	National Security Policy
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR	6642	3	Russia and Eastern Europe
IR	6644	3	Middle East in World Affairs
IR	6645	3	Asia in World Affairs
IR	6647	3	Western Europe in World Affairs
IR	6648	3	Sub-Saharan Africa in World Affairs
IR	6653	3	Political Psychology
IR	6654	3	Media, Technology, and International Politics
IR	6655	3	International Conflict Management
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations
IR	6665	3	Readings in International Relations
IR	6668	3	Thes4733 TD0.0002 Tc-0.00ompara2-0.0002 Tc-0.003HED 40.0004 Tc0 Tw(tionnge7 o.0002 Tc-0.ciUniw[K]dom)11246R

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

Free electives

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

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

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

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.

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 PA6601 Research Methods in Pub-

HSA	6682	3	Healthcare Planning and Management	PA	6640	3	Intergovernmental Relations
HSA	6683	3	Healthcare Economics	PA	6644	3	Administrative Law
HSA	6684	3	Managed Care: Origins, Organizations and Operations	PA	6645	3	Managing Government Contracts
PA	6665	3	Leadership in Public Administration	PA	6646	3	Organizational Behavior
				PA	6665	3	Leadership in Public Administration
				PA	6668	3	Grant Management for Public and Non-profit Organizations

Justice Administration

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

National Security Affairs

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

Nonprofit Management*

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

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

Public Human Resource Management

HRM	6601	3	Legal Environment of Employment Decisions
HRM	6604	3	Labor Law
HRM	6619	3	Seminar in Human Resources Administration
HRM	6622	3	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

Effective Fall 2006

TRINITY UNIVERSITY

COLLEGE OF COMPUTER SCIENCE & ELECTRONICS



6. No more than two grades below "B" 12. Intent to Graduate Filed

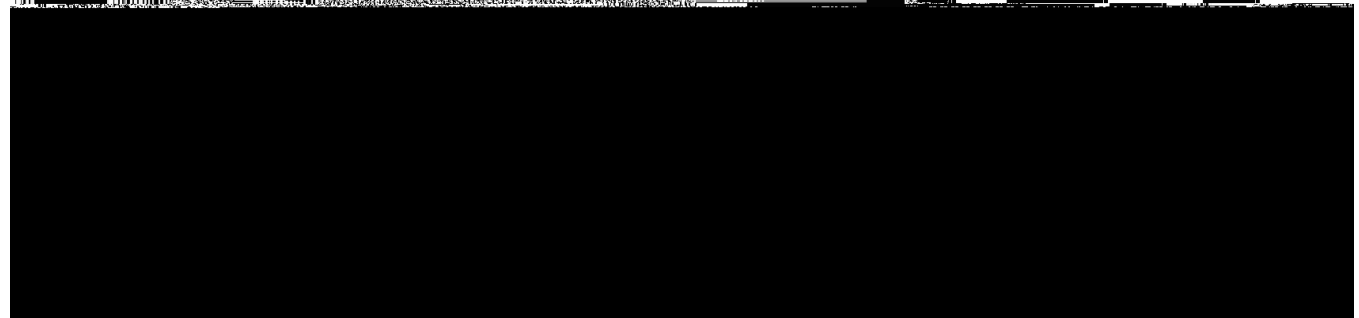
Prerequisite Courses for a bachelor's degree outside of the field of Computer Science:

COURSE NO.	TITLE	HRS.	GRADE	TERM/YR.	TRANSFER
	CREDIT				
CS 2261	Foundations of Computer Science Concepts	3			
CS 3323	Data Structures	3			

REQUIRED CORE COURSES - 15 Semester Hours

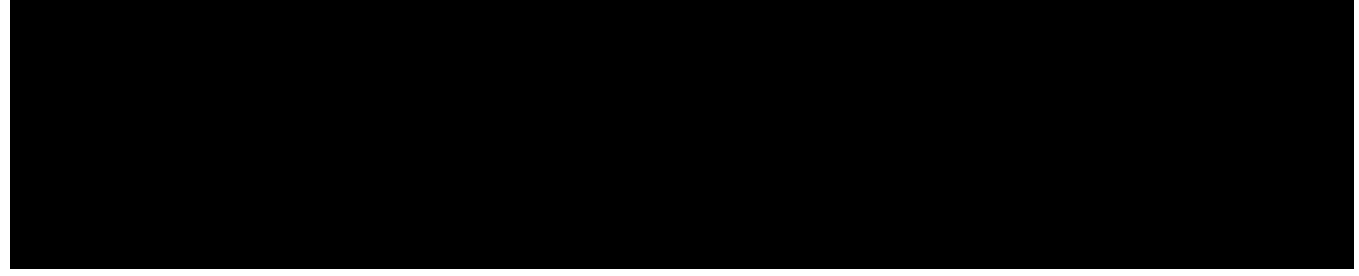


COURSE NO.	TITLE	HRS.	GRADE	TERM/YR.	TRANSFER
CS 6641	Society and Information Systems	3			
CS 6643	History and Philosophy of Computers	3			



COURSE NO.	TITLE	HRS.	GRADE	TERM/YR.	TRANSFER

ITEMS TO BE DISCUSSED: One item limit to have transcript(s) and test scores on file



ΠΕΡΙΛΗΨΗ Περιεχόμενα 2006



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TROY UNIVERSITY

UNIVERSITY OF THE SOUTH ALABAMA

MASTER OF SCIENCE

PROGRAM

1. **Thesis Option** (30 credit hours)

2. **Coursework Option** (30 credit hours)

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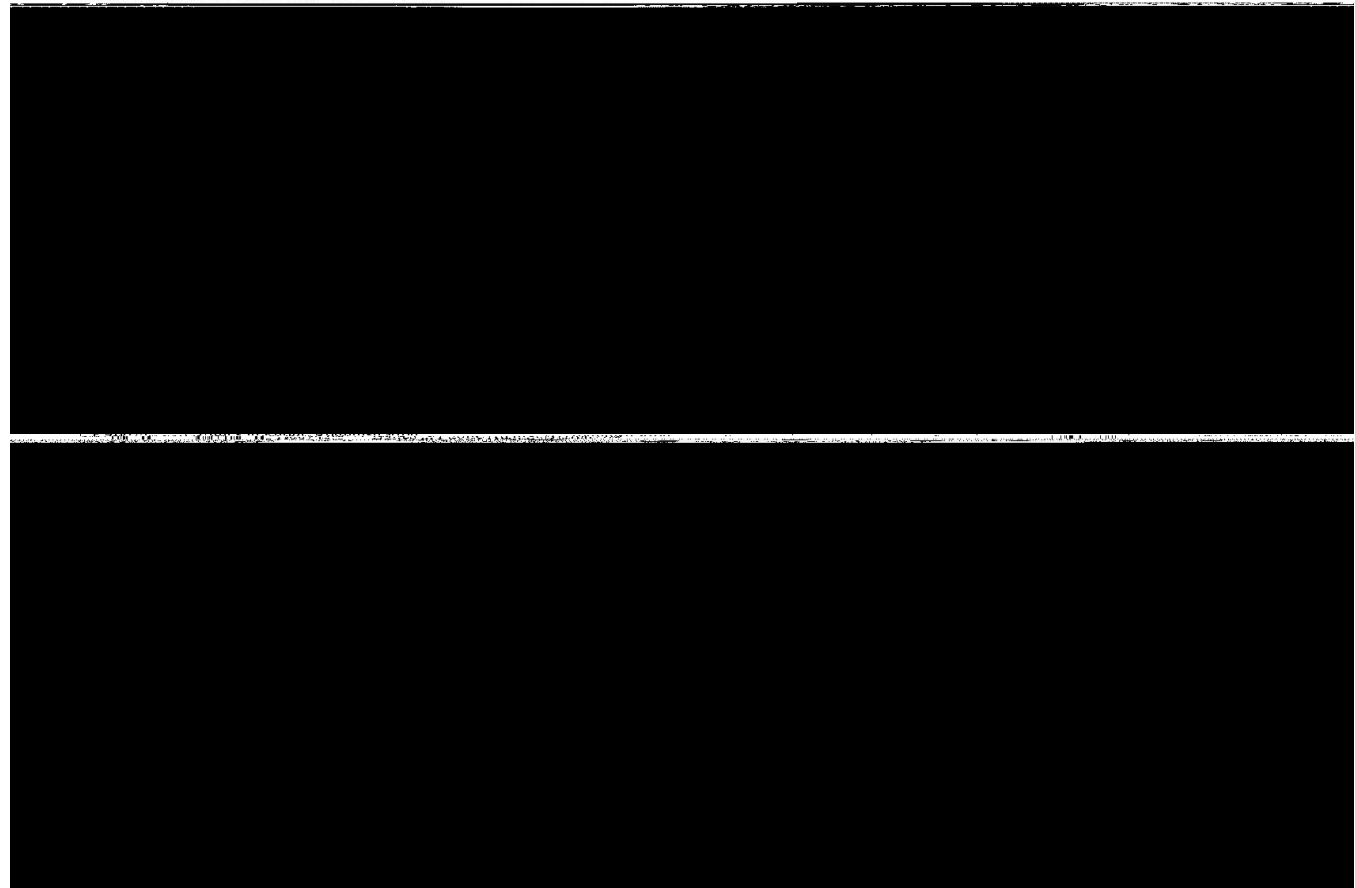
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2. **Coursework Option** (30 credit hours)

Admission to the 2016-17 Semester Hour Program

Full Name: _____ Address: _____
City: _____ State: _____ Zip: _____

Academic History: _____
Use "Student ID" or "Academic Credits" or "Academic History" to search for a student's record.



STUDENT NAME AND SOCIAL SECURITY NUMBER ARE NOT TO BE RELEASED TO ANYONE OTHER THAN THE STUDENT.

