

TROY UNIVERSITY
MASTER OF SCIENCE IN COMPUTER SCIENCE
 Software Development Concentration
 Graduate Degree Plan and Progress Record
 33 Semester-Hour Program

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

DEGREE REQUIREMENTS:

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| <ol style="list-style-type: none"> 1. GRE test score 2. Official transcript 3. Unconditional Admission 4. 33 Semester hours of credit 5. Meet residency requirements 6. No more than two grades below "B" | <ol style="list-style-type: none"> 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. Successfully complete comprehensive exam or thesis 11. Graduation Application filed |
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PREREQUISITE COURSES Required for students with Bachelor's Degree outside the field of Computer Science

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
MTH 2215	Applied Discrete Mathematics	3			
CS 2250	Computer Science I	3			
CS 2255 or CS 3360	CS II or Concepts of Object Oriented Programming I	3			
CS 3310	Foundations of Computer Science	3			
CS 3323	Data Structures	3			
CS 4445	Data Communications and Networking	3			

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

REQUIRED CORE COURSES (9 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
CS 5545	Computer Architecture	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating System Principles	3			

Non-Thesis Option Required Courses: (9 Semester Hours)

COURSE NO.	TITLE	HRS.	GRADE	TERM / YR	TRANSFER CREDIT
CS 6625	Specialized Study in Computer Science	3			
CS 6640	Advanced Database Concepts	3			
CS 6680	Advanced Software Engineering	3			

Advisor Approved Electives: Select 15 hours of advisor-approved Computer Science graduate courses

