

**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:**

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"
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

**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


