

TROY UNIVERSITY
 MASTER OF SCIENCE IN COMPUTER SCIENCE
 Graduate Degree Plan and Progress Record/
 Application for Admission to Candidacy
 30/31 Semester Hour Program

Name _____ Student ID # _____ Campus _____

Address: _____ Email: _____

Copy of transcript must be attached. May not use "Student Academic Credits" or "Academic Evaluation" report.

DEGREE REQUIREMENTS:

- | | |
|---|--|
| 1. GRE, or equivalent exam, test scores submitted | 7. Overall GPA of 3.0 |
| 2. Official transcript of all academic work | 8. Completion of research requirement with a "B" or better |
| 3. Unconditional Admission | 9. All credit earned within 8 years of graduation |
| 4. 30/31 semester hours of credit (30 for thesis option and 31 for Non-thesis option) | 10. Admission to Candidacy |
| 5. Meet residency requirements | 11. Successfully complete comprehensive exam/ thesis/ (Select ONE) |
| 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
MTH 2215	Applied Discrete Mathematics				
CS 2244	Computer Sciences I				
CS 2268	Computer Sciences II				
CS 2261	Intro to CS Concepts				
CS 3323	Data Structures				
CS 3357	Logical Structures of Computer Design				

REQUIRED CORE COURSES – 12 Semester Hours

COURSE NO	TITLE	HRS	GRADE	TERM/YR	TRANSFER CREDIT
CS 5543	Software Engineering	3			
CS 5545	Computer Architecture	3			
CS 5547	Applied Systems Analysis	3			
CS 5549	Analysis of Algorithms	3			
CS 5550	Operating System Principles	3			
CS 6649	Special Topics in Computer and Information Science	3			

SELECT (15/16 SEMESTER HOURS)

CS 6625	Special Study in CS	1-3			
CS 6640	Data Base Management Concepts	3			
CS 6641	Society and Information Systems	3			
CS 6643	Theory and Design of Compilers	3			
CS 6646	Information Systems for Operations and Management	3			
CS 6647	Simulation and Modeling	3			
CS 6648	Operations Research	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 Practics with Emphasis on Testable Semicustom Circuits	3			
CS 6656	Design and Testing of Reliable Digital Systems	3			

Other Electives (Approved by Advisor (9 Semester Hours)

ITEMS TO BE DISCUSSED

- _____ 1. One term limit to have transcript(s) and test scores on file
- _____ 2. Temporary, Conditional, and Unconditional Admission
- _____ 3. Availability of faculty for academic advising
- _____ 4. Petition for transfer credit once unconditionally admitted
- _____ 5. Class Attendance
- _____ 6. Drop and Withdrawal procedures; deadline and consequences
- _____ 7. Petition for an Incomplete grade
- _____ 8. Student participation in course and Program Evaluation
- _____ 9. Other _____

Admission Status		
Type	Date	Initials
Conditional		
Unconditional		
Residency		
Test Score		
Comps		

STUDENT ACKNOWLEDGEMENT: I have read the current year's Graduate Catalog and acknowledge the contents and requirements of the above program. I have received academic advising from my Faculty Advisor.

Student's Signature Date

Faculty Advisor Date

STUDENT ACKNOWLEDGEMENT: I hereby apply for Admission to Candidacy.

Student's Signature Date

APPROVED: _____
Chair/Associate Dean or Dean

Advisor Date

CANDIDACY
APPROVED: _____
Dean, Graduate School

Distribution: Gold –Student
Pink – Campus/Branch file
All other (Green , Yellow): UC
Original -Official File

Revised 8-1-05
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