TROY UNIVERSITY

MASTER OF SCIENCE IN COMPUTER SCIENCE

Artificial Intelligence Concentration

Graduate Degree Plan and Progress Record

33 Semester-Hour Program

TROY Publication 384-256
Revised: 3/2016

Name: _____ Student ID#: _____ Campus: _____

Address: _____ Email: _____

DEGREE REQUIREMENTS:

1. GRE, or equivalent exam, test scores admitted
2. Official transcript of all academic work
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. Intent to Graduate 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			

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)

CS 5549	Analysis of Algorithms	3			
CS 5545	Computer Architecture	3			
CS 5550	Operating System Principles	3			

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

CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			
CS 6625	Specialized Study in Computer Science	3			

Thesis Option Required Courses: (12 Semester Hours)

CS 6678	Advanced Artificial Intelligence	3			
CS 6682	Machine Learning	3			
CS 6699	Research and Thesis	6			

ADVISOR APPROVED ELECTIVES: *Select 12-15 hours of advisor-approved Computer Science graduate courses*

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; deadlines and consequences
- ☐ 7. Petition for an incomplete grade
- ☐ 8. Student participation in course and program evaluation
- ☐ 9. Thesis and non-thesis options
- ☐ 10. Other _____

Progress:

STATUS	DATE	INITIALS
Conditional		
Test Scores		
Requirement for minimum undergraduate GPA waived		
Requirement for minimum score of GRE waived		
Unconditional		
Residency		
Comps		

THIS FORM REQUIRED FOR EVERY REGISTRATION, EVERY TERM