# TROY UNIVERSITY
## MASTER OF SCIENCE IN COMPUTER SCIENCE
### Computer Network and Security Concentration
Graduate Degree Plan and Progress Record
**33 Semester-Hour Program**

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 6676 | Advanced Computer Network | 3 | | | |
| CS 6674 | Network and Information Security | 3 | | | |
| CS 6625 | Specialized Study in Computer Science | 3 | | | |

## Thesis Option Required Courses:  (12 Semester Hours)

| | | | | | |
|---|---|---|---|---|---|
| CS 6676 | Advanced Computer Network | 3 | | | |
| CS 6674 | Network and Information Security | 3 | | | |
| CS 6699 | Research and Thesis | 6 | | | |

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

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|---|---|---|---|---|---|
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**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**