



**OFFICE OF GRADUATE STUDIES
LORMAN, MS 39096-7500**

Academic Track

___ Non-Thesis Plan

(Form Must be Typed)

A PROPOSED PROGRAM OF STUDIES for the Master of Science with Endorsement

Area: COMPUTER AND INFORMATION SCIENCE **NON-THESIS PLAN (33 Semester Hours)**

Name: _____ ASU ID: _____
Address: _____ Date: _____

REQUIRED COURSES (15 Hours)

| Course No. | Title | Credit Hours | Date to Taken | Date Completed | Grade |
|------------|-----------------------------------|--------------|---------------|----------------|-------|
| CS 521 | Theory of Computation | 3 | | | |
| CS 523 | Programming Languages | 3 | | | |
| CS 525 | Operating Systems | 3 | | | |
| CS 527 | Design and Analysis of Algorithms | 3 | | | |
| CS 580 | Research Project* | 3 | | | |

ELECTIVE COURSES (18 Hours)

| Course No. | Title | Credit Hours | Date to Taken | Date Completed | Grade |
|------------|--|--------------|---------------|----------------|-------|
| CS 529 | Information Retrieval System I | 3 | | | |
| CS 531 | Artificial Intelligence | 3 | | | |
| CS 533 | Database Management Systems | 3 | | | |
| CS 535 | Computer Architecture | 3 | | | |
| CS 537 | Computer Graphics | 3 | | | |
| CS 539 | Compiler Construction | 3 | | | |
| CS 540 | Implementation of Adv. Algorithms | 3 | | | |
| CS 541 | Software Engineering | 3 | | | |
| CS 543 | Scientific Computation | 3 | | | |
| CS 545 | Network and Telecom I | 3 | | | |
| CS 546 | Network and Telecom II | 3 | | | |
| CS 547 | Algorithms for Parallel Computers | 3 | | | |
| CS 553 | Information Retrieval System II | 3 | | | |
| CS 555 | Object-Oriented Programming and Data Structure | 3 | | | |
| CS 560 | Special Topics in Computer Science | 3 | | | |

| Writing Requirement for Conditional Admission | Hrs | Date to be Taken | Date Completed | Grade |
|---|-----|------------------|----------------|-------|
| | 3 | | | |

TRANSFER COURSES (6 Hours)

| Course No. | Title | Hrs | Date to be Taken | Date Completed | Grade |
|------------|-------|-----|------------------|----------------|-------|
| | | | | | |
| | | | | | |

APPROVED:

Student: _____

Graduate Advisor: _____

Department Chairperson/Dean: _____