

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

# (Form Must be Typed) A PROPOSED DEGREE PLAN for the Master of Science in Applied Science and Technology Degree in <u>Computer Systems and Network Technology</u>. THESIS PLAN

(36 Semester Hours)

| Student Name: | ASU ID: |
|---------------|---------|
| Address:      | Date:   |

| CORE COURSES REQUIRED (12 Hours) |                            |                 |                        |                   |       |  |
|----------------------------------|----------------------------|-----------------|------------------------|-------------------|-------|--|
| Course No.                       | Title                      | Credit<br>Hours | Date<br>to be<br>Taken | Date<br>Completed | Grade |  |
| ST 510                           | Research Methods in AS & T | 3               |                        |                   |       |  |
| ST 512                           | Mathematics for AS & T     | 3               |                        |                   |       |  |
| ST 514                           | Computation in AS & T      | 3               |                        |                   |       |  |
| ST 516                           | Project Management         | 3               |                        |                   |       |  |

| <b>REQUIRED COURSES (6 Hours)</b> |   |                 |                        |                   |       |  |
|-----------------------------------|---|-----------------|------------------------|-------------------|-------|--|
| Course No.                        | Title   | Credit<br>Hours | Date<br>to be<br>Taken | Date<br>Completed | Grade |  |
| ST 610A                           | Thesis Research Proposal I (Thesis Plan Only) | 3               |                        |                   |       |  |
| ST 610B                           | Thesis Research Proposal I (Thesis Plan Only) | 3               |                        |                   |       |  |

#### **RESTRICTED ELECTIVES (18 Hours)**

| Course No. | Title                                      | Credit<br>Hours | Date<br>to be<br>Taken | Date<br>Completed | Grade |
|------------|--|-----------------|------------------------|-------------------|-------|
| ST 580     | Information Security Mgmt                  | 3               |                        |                   |       |
| ST 581     | Network Mgmt. Technology                   | 3               |                        |                   |       |
| ST 582     | Network Security                           | 3               |                        |                   |       |
| ST 583     | Info Infrastructure Design                 | 3               |                        |                   |       |
| ST 584     | Enterprise Website Development             | 3               |                        |                   |       |
| ST 585     | Distributed Systems & Cloud Computing      | 3               |                        |                   |       |
| ST 586     | Data Science and Big Data Analysis         | 3               |                        |                   |       |
| ST 587     | Information Storage and Management         | 3               |                        |                   |       |
| ST 588     | Cloud Infrastructure and Services          | 3               |                        |                   |       |
| ST 599     | Special Topics in Applied Science and Tech | 3               |                        |                   |       |
|            | Departmental Approved Elective             | 3               |                        |                   |       |
|            | Departmental Approved Elective             | 3               |                        |                   |       |

# TRANSFER COURSES (6 Hours)

| Course No. | Title | Hrs Date to be Taken |  | <b>Date Completed</b> | Grade |
|------------|-------|----------------------|--|-----------------------|-------|
|            |       |                      |  |                       |       |
|            |       |                      |  |                       |       |

# APPROVED:

Student:

Department Chairperson/Dean:\_\_\_\_\_