

**MAJOR: BS--Applied Information Technology: Web Development Option**

6/21/11

**I. TOTAL UNIVERSITY ORIENTATION**

| Credit | Grade | Semester |
|--------|-------|----------|
| 3      |       |          |
| 42     |       |          |

**II. TOTAL LIBERAL STUDIES**

**III. MAJOR**

**A. Core Requirements**

| CIT                 |     |  | Credit    | Grade | Semester |
|---------------------|-----|--|-----------|-------|----------|
|                     | 110 | Web Development and Design   | 3         |       |          |
|                     | 111 | Network Fundamentals   | 3         |       |          |
|                     | 136 | Computer Hardware: Management and Maintenance  | 3         |       |          |
|                     | 137 | Computer Operating Systems: Management & Maintenance   | 3         |       |          |
|                     | 200 | Network Operating Systems  | 3         |       |          |
|                     | 255 | Multimedia Production  | 3         |       |          |
|                     | 484 | Introduction to Network Security   | 3         |       |          |
|                     |     |  |           |       |          |
|                     |     |  |           |       |          |
|                     |     | CIT 481 IT Independent Study or<br>CIT 497 Topics in Information Technology or<br>CIT 499 Internship | 3         |       |          |
| <b>TOTAL CORE =</b> |     |  | <b>24</b> |       |          |

**B. Concentration/Specialization**

| CIT                          |     |   | Credit    | Grade | Semester |
|------------------------------|-----|---|-----------|-------|----------|
|                              | 120 | Web Programming Concepts                  | 3         |       |          |
|                              | 220 | Intermediate Web Programming              | 3         |       |          |
|                              | 265 | Introduction to Digital Video             | 3         |       |          |
|                              | 310 | Web Server Administration                 | 3         |       |          |
|                              | 355 | Interactive Multimedia Research & Design  | 3         |       |          |
|                              | 360 | Advanced Web Programming                  | 3         |       |          |
|                              | 370 | Information Technology Project Management | 3         |       |          |
|                              | 420 | Advanced Database & Data Mining           | 3         |       |          |
|                              | 450 | Web Engineering                           | 3         |       |          |
|                              | 470 | Information Architecture                  | 3         |       |          |
|                              | 480 | Web Analytics                             | 3         |       |          |
| <b>TOTAL CONCENTRATION =</b> |     |   | <b>33</b> |       |          |

**C. Supporting Electives**

|                                     |  |                                  | Credit    | Grade | Semester |
|-------------------------------------|--|----------------------------------|-----------|-------|----------|
|                                     |  | Technical Elective (see advisor) | 3         |       |          |
|                                     |  | Technical Elective (see advisor) | 3         |       |          |
|                                     |  | Technical Elective (see advisor) | 3         |       |          |
| <b>TOTAL SUPPORTING ELECTIVES =</b> |  |                                  | <b>9</b>  |       |          |
| <b>TOTAL MAJOR =</b>                |  |                                  | <b>72</b> |       |          |

**IV. Free Electives (minimum 3 hours)**

*Note: A total of 42 semester credit hours at the 300/400 level (including major hours) are required for graduation*

**300-400 Level Electives**

|                                       |  |          | Credit   | Grade | Semester |
|---------------------------------------|--|----------|----------|-------|----------|
|                                       |  | Elective |          |       |          |
|                                       |  | Elective |          |       |          |
|                                       |  | Elective |          |       |          |
|                                       |  | Elective |          |       |          |
|                                       |  | Elective |          |       |          |
|                                       |  | Elective |          |       |          |
| <b>TOTAL 300 -400 LEVEL ELECTIVES</b> |  |          | <b>0</b> |       |          |

**Other Free Electives**

|                                |  |          | Credit   | Grade | Semester |
|--------------------------------|--|----------|----------|-------|----------|
|                                |  | Elective | 3        |       |          |
|                                |  | Elective |          |       |          |
|                                |  | Elective |          |       |          |
| <b>TOTAL OTHER ELECTIVES =</b> |  |          | <b>3</b> |       |          |

**TOTAL FREE ELECTIVES =**

|   |
|---|
| 3 |
|---|

**TOTAL DEGREE PROGRAM =**

|     |                     |
|-----|---------------------|
| 122 | Must be 120 or more |
|-----|---------------------|

*Note: Courses beginning with a zero (0XX-Developmental courses) do not count toward graduation*