

## Bachelor of Science - Information Technology - 129 Credits

| Fall Semester    |                         |                                                                   |   | Spring Semester         |                                                     |   |  |
|------------------|-------------------------|-------------------------------------------------------------------|---|-------------------------|-----------------------------------------------------|---|--|
| <b>Freshman</b>  | CS 100                  | Roadmap to Computing                                              | 3 | CS 113                  | Introduction to Computer Science                    | 3 |  |
|                  | IT 101                  | Introduction to Information Technology                            | 3 | IT 120                  | Introduction to Network Technology                  | 3 |  |
|                  | Math 138                | General Calculus I                                                | 3 | Math 105                | Elementary Probability & Statistics                 | 3 |  |
|                  | HUM 101                 | English Composition: Writing, Speaking, Thinking I                | 3 | HUM 102                 | English Composition: Writing, Speaking, Thinking II | 3 |  |
|                  | Science I               |                                                                   | 3 | Science II              |                                                     | 3 |  |
|                  | CS 107                  | Computing as a Career                                             | 1 | Science II Lab          |                                                     | 1 |  |
|                  | <i>Credits:</i>         |                                                                   |   | <b>16</b>               | <i>Credits:</i>                                     |   |  |
| <b>Sophomore</b> | IT 114                  | Advanced Programming for IT                                       | 3 | IT 202                  | Internet & Applications                             | 3 |  |
|                  | IT 201                  | Information Design Techniques                                     | 3 | Social Science II       |                                                     | 3 |  |
|                  | Social Science I        |                                                                   | 3 | Specialization Course 1 |                                                     | 3 |  |
|                  | General Elective 1      |                                                                   | 3 | Specialization Course 2 |                                                     | 3 |  |
|                  | HUM 211/212/HIST 213    | The Pre-Modern World/The Modern World/The Twentieth-Century World | 3 | General Elective 2      |                                                     | 3 |  |
|                  |                         |                                                                   |   | CS 207                  | Computing & Effective Communication                 | 1 |  |
|                  | <i>Credits:</i>         |                                                                   |   | <b>15</b>               | <i>Credits:</i>                                     |   |  |
| <b>Junior</b>    | IS 331                  | Database Design Management & Applications                         | 3 | IT 420                  | Computer Systems & Networks                         | 3 |  |
|                  | Upper LIT/Phil/Hist/STS |                                                                   | 3 | ENG 340/352             | Oral Presentations/Technical Writing                | 3 |  |
|                  | MGMT 390 /IE 492        | Principles of Management/Engineering Management                   | 3 | IS 350                  | Computers, Society & Ethics                         | 3 |  |
|                  | Specialization Course 3 |                                                                   | 3 | Specialization Course 5 |                                                     | 3 |  |
|                  | Specialization Course 4 |                                                                   | 3 | Specialization Course 6 |                                                     | 3 |  |
|                  | IT 340                  | Introduction to Systems Administration                            | 3 | Physical Education I    |                                                     | 1 |  |
|                  | <i>Credits:</i>         |                                                                   |   | <b>18</b>               | <i>Credits:</i>                                     |   |  |
| <b>Senior</b>    | IT 490                  | Systems Integration                                               | 3 | IT 491                  | IT Capstone Project                                 | 3 |  |
|                  | HSS Capstone            |                                                                   | 3 | General Elective 5      |                                                     | 3 |  |
|                  | General Elective 3      |                                                                   | 3 | General Elective 6      |                                                     | 3 |  |
|                  | General Elective 4      |                                                                   | 3 | General Elective 7      |                                                     | 3 |  |
|                  | Specialization Course 7 |                                                                   | 3 | Specialization Course 8 |                                                     | 3 |  |
|                  | Physical Education II   |                                                                   | 1 | CS 407                  | Professional Development in Computing               | 1 |  |
|                  | <i>Credits:</i>         |                                                                   |   | <b>16</b>               | <i>Credits:</i>                                     |   |  |