



## Sample Curriculum

The Management Information Systems program prepares students for employment in the real-world business environment where they will identify problems and develop IT solutions. The program provides cutting-edge, in-depth technical knowledge and skills in information systems, business knowledge, critical thinking and communication skills.

### First Year

| Fall  | CR | Spring   | CR |
|---|----|--|----|
| MIS 113, Computer Applications and Hardware | 3  | MIS 150, Programming I                         | 3  |
| CIS 114, Introduction to Programming I      | 3  | COM 204, Business & Professional Communication | 3  |
| CIS 114L, Introduction to Programming I Lab | 1  | ECO 105, Principles of Economics               | 3  |
| ENG 150, Literature, Writing, and Research  | 3  | English 200+ Core                              | 3  |
| History Core                                | 3  | Social Science Core                            | 3  |
| FYE 150, First Year Exploration             | 1  |  | 5  |
| <b>Subtotal</b>                             |    | <b>Subtotal</b>                                |    |
| x 14  |    | x 15   |    |

### Second Year

| Fall  | CR | Spring                                       | CR |
|---|----|--|----|
| CIS 211, Object Oriented Programming I      | 3  | MIS 240, Web Design                          | 3  |
| ACC 101, Principles of Financial Accounting | 3  | MIS 350, Management Information Systems      | 3  |
| MAT 143, Elements of Calculus               | 4  | ACC 102, Principles of Managerial Accounting | 3  |
| Foreign Language Core                       | 3  | BUA 249, Business Statistics                 | 3  |
| Free Elective                               | 3  | Fine Arts Core                               | 3  |
| <b>Subtotal</b>                             |    | <b>Subtotal</b>                              |    |
| x 16  |    | x 15   |    |

### Third Year

| Fall                                       | CR | Spring                         | CR |
|--|----|--------------------------------|----|
| CIS 341, Web Programming I                 | 3  | MIS 405, IT Project Management | 3  |
| MIS 320, Database I                        | 3  | MIS 450, Business Intelligence | 3  |
| MIS Elective                               | 3  | Natural Science + Lab Core     | 4  |
| BUA 341, Quantitative Methods for Business | 3  | Philosophy Core                | 3  |
| Outer Core Elective                        | 3  | Theology Core                  | 3  |
| <b>Subtotal</b>                            |    | <b>Subtotal</b>                |    |
| x 15                                       |    | x 16                           |    |

### Fourth Year

| Fall  | CR | Spring                               | CR |
|---|----|--------------------------------------|----|
| MIS 390, Business Simulation                    | 3  | MIS 490, Systems Analysis and Design | 1  |
| MIS 415, Data Mining, Warehousing, and Big Data | 3  | MIS Elective                         | 3  |
| MIS Elective                                    | 3  | Outer Core Elective                  | 3  |
| Theology Core                                   | 3  | Outer Core Elective                  | 3  |
| Outer Core Elective                             | 3  | Free Elective                        | 3  |
| Philosophy Core                                 | 1  |                                      |    |
| <b>Subtotal</b>                                 |    | <b>Subtotal</b>                      |    |
| x 16  |    | x 15                                 |    |

**Total Credits: 120+**

**\*Please note: No MIS major may graduate with a "D" in any Computer Information Systems (CIS) or Management Information Systems (MIS) courses required for their major.**