

**COMPUTER INFORMATION SYSTEMS
PROGRAMMING CURRICULUM LAYOUT
2010 - 2011**

| Fall Semester – First Year | Hours | Spring Semester – First Year | Hours |
|--|--------------|--|--------------|
| <i>Computer Information Systems 1800 MS Office</i> | 3 | <i>Computer Information Systems 1030 Beginning Programming</i> | 3 |
| English 1010 | 3 | English 1020 | 3 |
| Mathematics 1020 | 3 | Math 2010 | 3 |
| Communication 1010 | 3 | Natural Science | 3 |
| Fine Arts 1040 | 3 | Humanities | 3 |
| Orientation 1010 | 1 | | |
| Total | 16 | Total | 15 |
| | | | |
| Fall Semester – Second Year | | Spring Semester – Second Year | |
| <i>Computer Information Systems 3100 Information Systems and Technology in Business</i> | 3 | <i>Computer Information Systems 2980 Database</i> | 3 |
| <i>Computer Information Systems 2100 (FA only) Intermediate Programming – OO Programming</i> | 3 | <i>Computer Information Systems 2020 (SP only) Beginning COBOL</i> | 3 |
| Accounting 2000 | 3 | Accounting 2010 | 3 |
| Economics 2000 | 3 | Economics 2010 | 3 |
| Natural Science | 3 | Natural Science | 3 |
| Health & Personal Fitness | 2 | | |
| Total | 17 | Total | 15 |
| | | | |
| Fall Semester – Third Year | | Spring Semester – Third Year | |
| <i>Computer Information Systems 3000 (FA only) Advanced COBOL</i> | 3 | <i>Computer Information Systems 4020 (SP only) Advanced Programming – OO Programming</i> | 3 |
| <i>Computer Information Systems 4000 (FA only) Advanced Database</i> | 3 | <i>Computer Information Systems 2050 Networks and Telecom</i> | 3 |
| Business Administration 2120 | 3 | Business Administration 3250 | 3 |
| Health & Personal Fitness | 2 | English 3230 | 3 |
| Marketing 3230 | 3 | Management 3230 | 3 |
| Total | 14 | Total | 15 |
| | | | |
| Fall Semester – Fourth Year | | Spring Semester – Fourth Year | |
| <i>Computer Information Systems 3900 (FA only) Systems Analysis & Development</i> | 3 | <i>Computer Information Systems 4600 (SP only) CIS Capstone</i> | 3 |
| <i>Computer Information Systems 4100 (FA only) Web Applications</i> | 3 | <i>CIS Advanced Elective</i> | 3 |
| Academic Elective | 3 | Advanced COB elective | 3 |
| Business Administration 3270 | 3 | Management 3580 | 3 |
| Finance 3090 | 3 | Management 4300 | 3 |
| Total | 15 | Total | 15 |

Notes:

Advanced COB elective may be met with a CIS class.