



**Sample 4 Year Plan
Bachelor of Science
Computer Information Technology
Web and Database Concentration**

| | Fall Semester | | | Spring Semester | | |
|-------------------|---------------|---|------------|-----------------|---|------------|
| | | Course Information | Credit Hrs | | Course Information | Credit Hrs |
| First Year | AP | UNIV 1000 – University Success | 1 | AP | ENGL 1020 – English Composition II | 3 |
| | AP | ENGL 1010 – English Composition I | 3 | | CSCI 1010/1011 – intro to Programming I w/lab | 4 |
| | | CSCI 1005 – Computer Hardware, Software, and Programming Concepts | 3 | AP | Humanities and Fine Arts Core | 3 |
| | AP | MATH 1530 – Elements of Statistics | 3 | AP | History Core | 3 |
| | AP | History Core | 3 | | CSCI 2600 – Computer Ethics | 3 |
| | | CSCI 1300 – Intro to Web Development | 3 | | | |
| | | TOTAL SCH | 16 | | TOTAL SCH | 16 |

| | Fall Semester | | | Spring Semester | | |
|--------------------|---------------|--|------------|-----------------|--|------------|
| | | Course Information | Credit Hrs | | Course Information | Credit Hrs |
| Second Year | | CSCI 2700 – Data Communications and Networking | 3 | | CSCI 4200 – Principles of Information Security | 3 |
| | | CSCI 2500 – Discrete Structure | 3 | | CSCI 4400 – Principles of Database MGT | 3 |
| | | CSCI 2010/2011 – Intro to Programming II w/lab | 4 | | CSCI Elective | 3 |
| | AP | Humanities and Fine Arts Core | 3 | AP | ENGL 2330 – Topics in World Literature | 3 |
| | AP | COMM 2045 – Public Speaking | 3 | | Elective | 3 |
| | | TOTAL SCH | 16 | | TOTAL SCH | 15 |

| | Fall Semester | | | Spring Semester | | |
|-------------------|---------------|---|------------|-----------------|---|------------|
| | | Course Information | Credit Hrs | | Course Information | Credit Hrs |
| Third Year | | CSCI 3350 – User Experience Design | 3 | | Elective | 3 |
| | AP | Natural Science Core w/lab | 4 | AP | Natural Science Core w/lab | 4 |
| | | CSCI 3300 – Client-Side Web Development | 3 | | CSCI 4000 – Database-Driven Web Development | 3 |
| | | CSCI Elective | 3 | | CSCI 4405 – Advanced Database Mgt | 3 |
| | | Elective | 3 | | | |
| | | TOTAL SCH | 16 | | TOTALSCH | 13 |

| | Fall Semester | | | Spring Semester | | |
|--------------------|---------------|---|------------|-----------------|--|------------|
| | | Course Information | Credit Hrs | | Course Information | Credit Hrs |
| Fourth Year | | CSCI 4010 – Mobile Software Development | 3 | | CSCI 4750 – System Analysis and Design | 3 |
| | | CSCI 4760 – Linux System Administration | 3 | | CSCI 4800 – Senior Seminar | 1 |
| | AP | Social and Behavioral Sciences Cores | 3 | AP | Social and Behavioral Sciences Core | 3 |
| | | CSCI 4603 – Requirements and Project Management | 3 | | CSCI 4460 – Content Management Systems | 3 |
| | | Elective | 3 | | Elective | 3 |
| | | TOTAL SCH | 15 | | TOTAL SCH | 13 |

*AP designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.