

## Year 1

### Fall Semester

Course	Credit Hours
ENG 1301 Comp I	3
MAT 1302 College Algebra	3
CSC 1321 Comp Prog C++	3
Any Lab Science (GEC)	4
ASE 1111 Freshman Success Experience	2

**Total Semester Hours # 15**

### Spring Semester

Course	Credit Hours
ENG 1302 Comp II	3
CSC 1322 Adv Prog C++	3
REL 13XX (GEC)	3
SPC 1301 Fund of Speech	3
FAR, MUS, or THA (Fine Arts GEC)	3

**Total Semester Hours # 15**

## Year 2

### Fall Semester

Course	Credit Hours
ENG 23XX Literature (GEC)	3
HIS 2322 Fund of Modern American History	3
MAT 1324 Calculus I	3
CSC 1330 or CSC 2310	3
CSC 2320 Data Structures	3

**Total Semester Hours # 15**

### Spring Semester

Course	Credit Hours
Any Social Literacy (GEC)	3
CSC 2310 Computer Organization	3
CSC 2340 Obj-Ori Prog/Design w/ Internet App	2
EXS 1220 Basic Concepts of Wellness	3
Elective	3

**Total Semester Hours #14**

## Year 3

### Fall Semester

Course	Credit Hours
Any Social Literacy (GEC)	3
CSC 3320 Prog Language Concepts	3
CSC 4320, 4341, 4351, 4360, 4371, or 4391	3
Elective	3
Elective	3

**Total Semester Hours # 15**

### Spring Semester

Course	Credit Hours
CSC 3360 Analysis of Algorithms	3
CSC 4320, 4341, 4351, 4360, 4371, or 4391	3
MAT 3381 Discrete Mathematics	3
MAT 3311 Intro to Prob & Stats	3
Elective	3

**Total Semester Hours # 15**

## Year 4

### Fall Semester

Course	Credit Hours
CSC 4383 Software Engineering	3
CSC 3391 Operating Systems	3
Elective	3
Elective	3
Elective	3

**Total Semester Hours # 15**

### Spring Semester

Course	Credit Hours
CSC 4384 Senior Design Project	3
Elective	3
Elective	3
Elective	3
Elective	3

**Total Semester Hours # 15**

Electives- at least 3 hours must be taken outside of the major. Students considering graduate school or work with scientific applications are strongly encouraged to complete [CSC 4371](#) and any other mathematics/computer science electives available.

## CIS - Computer Information Systems

- [CIS 3318 Informa Tech Service Mgt](#)
- [CIS 3321 Network Administration](#)
- [CIS 3324 Agile Principles of Software](#)
- [CIS 3325 Operating System Admin](#)
- [CIS 3326 Windows Server Admin](#)
- [CIS 4327 Database Administration](#)
- [CIS 4328 Fund Informa Systems Security](#)

## CSC - Computer Science

- [CSC 1310 Foundations of Computer Science](#)
- [CSC 1321 Comp Prog C++](#)
- [CSC 1322 Adv Prgmng C++](#)
- [CSC 1330 Assembly Language Programming](#)
- [CSC 2310 Computer Organization](#)
- [CSC 2320 Data Structures](#)
- [CSC 2340 Obj-Ori Prog/Dsgn w/Internet App.](#)
- [CSC 2399 Special Topics](#)
- [CSC 3320 Prog Language Concepts](#)
- [CSC 3350 Independent Study](#)
- [CSC 3360 Analysis of Algorithms](#)
- [CSC 3391 Operating Systems](#)
- [CSC 4320 Artificial Intellige](#)
- [CSC 4341 Prin - Database Syst](#)
- [CSC 4350 Independent Study](#)
- [CSC 4351 Computer Graphics](#)
- [CSC 4360 Computer Networks](#)
- [CSC 4371 Numerical Analysis](#)
- [CSC 4383 Software Engineering](#)
- [CSC 4384 Senior Design Project](#)
- [CSC 4391 Cont Topics/Computer Science](#)
- [CSC 4393 Internship I](#)
- [CSC 4394 Internship II](#)
- [CSC 4450 Independent Study](#)