

## Computer Science – Bachelor of Science

### FIRST YEAR

<b>Fall Semester</b>	<b>16-18 Hours</b>
UNIV 1001/1113 Intro to Univ Life/Study Strats .....	(1/3)
ENGL 1113 English Composition I .....	(3)
IT 1013 Intro to Computer Systems.....	(3)
MATH 1513 College Algebra.....	(3)
PS 1113 American Federal Government.....	(3)
<b>IT 1063 Intro to Networking (FA)</b> .....	(3)
<b>Spring Semester</b>	<b>17 Hours</b>
ENGL 1213 English Composition II.....	(3)
General Education Health and Wellness .....	(1)
HIST 1483/1493 U.S. History to/since 1865 .....	(3)
Additional Requirements-Mathematics.....	(3)
<b>CS 1314/1314L Computer Science I/Lab (SP)</b> .....	(4)
<b>IAS 2233 Intro to Info Assurance/Security (SP)</b> .....	(3)

### THIRD YEAR

<b>Fall Semester</b>	<b>17 Hours</b>
General Education Biological Science.....	(4)
General Education Health and Wellness .....	(2)
<b>CS 3013 Network Programming (FA)</b> .....	(3)
<b>CS 3713 Algorithm Analysis (FA)</b> .....	(3)
Additional Requirements-Mathematics .....	(5)
<b>Spring Semester</b>	<b>16 Hours</b>
GEOG 3043 Economic Geography.....	(3)
General Education Physical Science .....	(4)
<b>CS 3183 Database Design &amp; Management (SP)</b> .....	(3)
CS 3003 Seminar in CS (Additional Requirements-Electives).....	(3)
IAS 3233 E-Commerce and Web Security .....	(3)

<sup>M</sup> Denotes Minimum Grade Needed for Course

<sup>R</sup> Denotes Restriction to Students Admitted to Educator Preparation Program

! Denotes Critical Course

**Bolded** courses indicate guaranteed course rotation for major core: (FA=Fall; SP=Spring; SU=Summer; O=Odd Year; E=Even Year).

This is a recommended semester-by-semester plan of study for this major for a hypothetical student and will not substitute for meeting with an advisor to discuss individual student needs. Course offerings are subject to change based on enrollment. However, courses or requirements designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

### Graduation Requirements Summary

Minimum Total Hours for Graduation	124
Minimum Upper-Division Hours	40
Minimum Gen Ed Hours	44
Minimum Liberal Arts Hours	55
Minimum Major GPA	2.000
Minimum Overall GPA	2.000

### SECOND YEAR

<b>Fall Semester</b>	<b>17 Hours</b>
General Education Humanities-Aesthetics .....	(3)
<b>CS 1514/1514L Computer Science II/Lab (FA)</b> .....	(4)
<b>CS 1523 Discrete Math (FA)</b> .....	(3)
IT 2064/2064L Internetworking Technologies/Lab .....	(4)
IAS 2333 Computer Forensics.....	(3)
<b>Spring Semester</b>	<b>17 Hours</b>
General Education Behavioral Science.....	(3)
COMM 1113 Principles of Communication.....	(3)
Additional Requirements-Mathematics.....	(5)
<b>CS 2413 Data Structures (!)(SP)</b> .....	(3)
<b>CS 2513 Computer Organization/Arch (SP)</b> .....	(3)

### FOURTH YEAR

<b>Fall Semester</b>	<b>15 Hours</b>
Additional Requirements-Electives .....	(2)
General Education Humanities-Diversity .....	(3)
<b>CS 3513 Operating Systems (FA)</b> .....	(3)
<b>CS 4204/4204L Software Engineering/Lab (FA)</b> .....	(4)
MATH 4433 Matrix Algebra .....	(3)
<b>Spring Semester</b>	<b>12 Hours</b>
Additional Requirements-Electives .....	(2)
Additional Requirements-Electives.....	(3)
Additional Requirements-Electives.....	(3)
General Education Health and Wellness.....	(1)
<b>CS 4233 Capstone Project (!)(SP)</b> .....	(3)