

**2008 - 2009**  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**  
 Software Engineering Track

**FRESHMAN YEAR**

<b>FALL</b>	<b>SEM.HRS</b>
CSI 1430 - Intro. to Computer Science I	4
REL 1310 - The Christian Scriptures	3
History Elective	3
ENG 1302 - Thinking & Writing	3
Human Performance	1
Chapel Forum	<u>0</u>
	14
<b>SPRING</b>	<b>SEM.HRS</b>
CSI 1440 - Intro. to Computer Science II	4
REL 1350 - The Christian Heritage	3
General Elective	3
CSI 2350 - Discrete Structures	3
ENG 2301, ENG 2304, or ENG 2306	3
Chapel Forum	<u>0</u>
	16

**SOPHOMORE YEAR**

<b>FALL</b>	<b>SEM.HRS</b>
CSI 2334 - Intro. to Computer Systems	3
CSI 3334 - Data Structures	3
MTH 1321 – Calculus I	3
GTX 2301 or GTX 2302	3
Foreign Language	<u>3(4)</u>
	15(16)
<b>SPRING</b>	<b>SEM.HRS</b>
CSI 3344 - Intro to Algorithms	3
CSI 3471 – Software Engineering I	4
MTH 1322 - Calculus II	3
PSC 2302 or another GTX course	3
Foreign Language	<u>3(4)</u>
	16(17)

*Note: Must have thirty-six hours of advanced work (“3000”-“4000” courses) and a minimum of 124 hours.*

**JUNIOR YEAR**

<b>FALL</b>	<b>SEM.HRS</b>
CSI 3372 - Software Engineering II	3
CSI 3336 - Systems Programming	3
MTH 2311 - Linear Algebra or MTH 2321 Calculus III	3
CSI 3373 - Software Quality Assurance	3
PHY 1420 - Physics I	4
CSI 3101 - Computers in Society	<u>1</u>
	17
<b>SPRING</b>	<b>SEM.HRS</b>
CSI 3335 - Database Design and Applications	3
CSI 4321 - Data Communications	3
ENG 3300 – Technical & Professional Writing	3
STA 3381 – Probability & Statistics	3
PHY 1430 –Physics II	4
Human Performance	<u>1</u>
	17

**SENIOR YEAR**

<b>FALL</b>	<b>SEM.HRS</b>
CSI 3374 – Software Project Management	3
CSI 3439 - Computer Architecture	4
CSS 3308 – Technical Speaking	3
CSI 4337 – Operating Systems	3
Science Elective	<u>3(4)</u>
	16(17)
<b>SPRING</b>	<b>SEM.HRS</b>
CSI 43C9 - Capstone Design Project	3
Technical Elective	3
CSI 4330 - Foundations of Computing	3
ECO 3308 – Engineering Eco Analysis	3
Science Elective	<u>3(4)</u>
	15(16)

**Science Elective:** One of the following groups: (1) Biology 1305, 1306, 1105, 1106, (2) Chemistry 1301, 1302, (3) Geology 1405, 1406, (4) physics courses that follows the two required courses  
**Technical Elective:** One of the following: STA – anything above 3381, PHY- anything with 1430 as a prerequisite, MTH 2321,3312, 3370,3374, or any 4000-level course, CSI – any upper-level course not required for software engineering track, EGR 4330, 4353, 4438