

2008 - 2009
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

FRESHMAN YEAR

FALL	SEM.HRS
CSI 1430 - Intro. to Computer Science I	4
History/Social Science Elective	3
ENG 1302 - Thinking & Writing	3
REL 1310 – The Christian Scriptures	3
Human Performance	1
Chapel Forum	<u>0</u>
	14

SPRING	SEM.HRS
CSI 1440 - Intro. to Computer Science II	4
CSI 2350 - Discrete Structures	3
History/Social Science Elective	3
REL 1350 – The Christian Heritage	3
ENG 2301, ENG 2304, or ENG 2306	3
Chapel Forum	<u>0</u>
	16

SOPHOMORE YEAR

FALL	SEM.HRS
CSI 2334 - Intro. to Computer Systems	3
CSI 3334 - Data Structures	3
MTH 1321 – Calculus I	3
GTX 2301 or GTX 2302	3
Science Elective	<u>3(4)</u>
	15(16)

SPRING	SEM.HRS
CSI 3471 - Software Engineering I	4
CSI 3344 - Intro. to Algorithms	3
MTH 1322 - Calculus II	3
PSC 2302 or another GTX course	3
Science Elective	<u>3(4)</u>
	16(17)

History/Social Science Elective: Prefer ECO 1305 or 2306 as one of the electives.

NOTE: Must have 36 hrs. of advanced work (“3000”-“4000” courses) and a minimum of 124 hours.

September 2008

JUNIOR YEAR

FALL	SEM.HRS
CSI 3335 - Database Design and Applications	3
CSI 3336 - Systems Programming	3
MTH 2311 - Linear Algebra or MTH 2321 - Calculus III	3
CSS 3308 - Technical Speaking	3
Human Performance	1
Foreign Language	<u>3(4)</u>
	16(17)

SPRING	SEM.HRS
CSI 3372 - Software Engineering II	3
CSI 4321 - Data Communications	3
CSI 3439 - Computer Architecture	4
STA 3381 – Probability & Statistics	3
Foreign Language	<u>3(4)</u>
	16(17)

SENIOR YEAR

FALL	SEM.HRS
CSI 4337 - Operating Systems	3
Computer Science Elective	3
CSI 3101 - Computers in Society	1
ENG 3300 - Technical & Professional Writing	3
Science Elective	3(4)
General Elective	<u>3</u>
	16(17)

SPRING	SEM.HRS
CSI 43C9 - Capstone Design Project	3
Computer Science Elective	3
CSI 4330 - Foundations of Computing	3
Science Elective	3(4)
General Elective	<u>3</u>
	15(16)

Science Electives: One of the following groups: (1) Biology 1305, 1306, 1105, 1106, (2) Chemistry 1301, 1302, (3) Geology 1405, 1406, (4) Physics 1420, 1430, or 1408, 1409. An additional 6-8 hrs. taken from the courses above or from courses which have one or more of the above as prereqs.