

## Bachelor of Science in Computer Science Curriculum

Fall Semester		Spring Semester	
<b>Freshman Year</b>			
ENGL 1100 English Composition I	3	ENGL 1120 English Composition II	3
HIST Core History	3	HIST Core History	3
MATH 1610 Calculus I	4	MATH 1620 Calculus II	4
Science Sequence I*	4	Science Sequence II*	4
ENGR 1110 Introduction to Engineering	2	<b>(M) COMP 1210 Fundamentals of Computing I</b>	3
<b>Sophomore Year</b>			
ENGL 2200 World Literature I	3	ENGL 2210 World Literature II	3
Core Social Science Group 1	3	Core Social Science Group 2	3
COMM 1000 Public Speaking or ROTC Concentration	3	ELEC 2200 Digital Logic Circuits	3
<b>(M) COMP 2210 Fundamentals of Computing II</b>	4	<b>(M) COMP 2710 Software Construction</b>	3
<b>Junior Year</b>			
STAT 3600 Probability and Statistics	3	PHIL 1040 Business Ethics	3
Elective or ROTC	3	Concentration	3
<b>(M) COMP 3220 Principles of Prog. Languages</b>	3	<b>(M) COMP 3270 Introduction to Algorithms</b>	3
<b>(M) COMP 3240 Discrete Structures</b>	3	<b>(M) COMP 3500 Intro. to Operating Systems</b>	3
<b>(M) COMP 3350 Comp. Org. &amp; Assm. Lang.</b>	3	<b>(M) COMP 3700 Software Modeling &amp; Design</b>	3
<b>Senior Year</b>			
<b>(M) COMP 4200 Formal Languages</b>	3	<b>(M) COMP 4730 Computer Ethics</b>	1
<b>(M) COMP 4320 Intro. to Computer Networks</b>	3	<b>(M) COMP Elective**</b>	3
<b>(M) COMP 4640 Intelligent &amp; Interactive Sys.</b>	3	<b>(M) COMP Elective**</b>	3
Core Fine Arts	3	Science***	4
Concentration	3	Math Elective****	3

### TOTAL – 123 SEMESTER HOURS

\* Must be selected from department list of approved science sequence courses.

\*\* Must be selected from department list of approved COMP elective courses.

\*\*\* Must be selected from department list of approved science elective courses.

\*\*\*\* Must be selected from department list of approved math elective courses