

## Major in Computer Science

*Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.*

*\*See the University Core requirements section of this catalog for approved list of course options.*

*\*\* See Arts and Sciences degree requirements section of catalog approved list of course options.*

### BA with a Major in Computer Science

#### FRESHMAN YEAR

FALL	HOURS
CSCI 1110, Program Development (using C++)	4
ENGL 1310 College Writing or ENGL 1313, Computer Assisted College Writing I*	3
LANG 2040, Foreign Language (intermediate)**	3
MATH 1650, Pre-Calculus (prerequisite for MATH 1710)	<u>5</u>
Total	15

#### FRESHMAN YEAR

SPRING	HOURS
CSCI 1120, Structured Programming(using C++)	4
ENGL 1320 College Writing II, or ENGL 1323, Computer Assisted College Writing II, or ENGL 2700, Technical Writing*	3
LANG 2050, Foreign Language (intermediate)**	3
PSCI 1040, American Government*	3
Social and Behavioral Sciences*	<u>3</u>
Total	16

#### SOPHOMORE YEAR

FALL	HOURS
CSCI 2010, Assembly Language Programming	3
ELET 2720, Digital Logic	4
Humanities*	3
MATH 1710, Calculus I (prerequisite for MATH 2770)	4
Communication**	<u>3</u>
Total	17

#### SOPHOMORE YEAR

SPRING	HOURS
Literature**	3
MATH 2770, Discrete Mathematical Structures (prerequisite for CSCI 3400)	3
PSCI 1050, American Government*	3
CSCI Option	1
Elective (advanced)	3
Elective (advanced)	<u>3</u>
Total	16

#### JUNIOR YEAR

FALL	HOURS
CSCI 3100, Computer Organization	3
CSCI 3400, Data Structures	3
HIST 2610, United States History to 1865*	3
Physical Science**	4
Wellness*	<u>3</u>
Total	16

#### JUNIOR YEAR

SPRING	HOURS
CSCI 3600, Principles of Systems Programming	3
HIST 2620, United States History Since 1865*	3
Elective (advanced)	3
Natural Sciences**	4
Cross-cultural, Diversity, and Global Studies*	<u>3</u>
Total	16

#### SENIOR YEAR

FALL	HOURS
CSCI Option (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Laboratory Science**	4
Visual and Performing Arts*	<u>3</u>
Total	16

#### SENIOR YEAR

SPRING	HOURS
CSCI Option (advanced)	3
CSCI Option (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Elective	<u>1</u>
Total	16

*Actual degree plans may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. Students may wish to use opportunities for electives to complete a minor of their choice or secondary education courses for teacher certification.*