
Major in Computer Engineering

Following is recommended course work for the first two years.

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 Curriculum section of this catalog for approved list of course options.*

*** See College of Engineering degree requirements section of this catalog for approved list of course options.*

BS with a Major in Computer Engineering

FRESHMAN YEAR

FALL	HOURS
CHEM 1410, General Chemistry for Science Majors*	3
CHEM 1430, General Chemistry Laboratory*	1
CSCI 1110, Program Development	4
ENGL 1310 or 1313, College Writing I*	3
HIST 2610, United States History to 1865*	3
MATH 1710, Calculus I	<u>4</u>
Total	18

SOPHOMORE YEAR

FALL	HOURS
CSCI 1120, Structured Programming	4
HIST 2620, United States History Since 1865*	3
MATH 1780, Probability	3
MATH 2730, Multivariable Calculus	3
PHYS 2220, Electricity and Magnetism*	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics*	<u>3</u>
Total	17

FRESHMAN YEAR

SPRING	HOURS
ELET 1700, Circuit Analysis I	3
ENGL 2700, Technical Writing*	3
ENGR 1280, Engineering Graphics	3
MATH 1720, Calculus II	3
PHYS 1710, Mechanics*	3
PHYS 1730, Laboratory in Mechanics*	<u>1</u>
Total	16

SOPHOMORE YEAR

SPRING	HOURS
ELET 1720, Electronics I with Laboratory	4
ELET 2720, Digital Logic with Laboratory	4
MATH 2700, Linear Algebra and Vector Geometry	3
MATH 2770, Discrete Mathematical Structures	3
PSCI 1040, American Government I*	<u>3</u>
Total	17

This degree is under development; some specific requirements are still to be approved. For detailed course requirements, contact the Department of Computer Science and Engineering.
