

BS in Engineering Technology

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

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

BS in Engineering Technology Concentration in Electronics Engineering Technology (html) BS in Engineering Technology Concentration in Electronics Engineering Technology (pdf)

FRESHMAN YEAR

FALL	HOURS
ELET 1700, Circuit Analysis	4
ENGL 1310, College Writing I*	3
MATH 1650, Pre-Calculus	5
PSCI 1040, American Government*	3
Wellness*	<u>3</u>
Total	18

SOPHOMORE YEAR

FALL	HOURS
CHEM 1410, General Chemistry**	3
CHEM 1430, General Chemistry Laboratory**	1
ELET 2720, Digital Logic	4
ELET 2740, Electronics II	4
MATH 1720, Calculus II	3
Humanities*	<u>3</u>
Total	18

JUNIOR YEAR

FALL	HOURS
ELET 3700, Circuit Analysis III	3
ELET 3750, Digital Systems	4
ENGR 2220, Statics	3
HIST 2620, United States History Since 1865*	3
PHYS 2220, Electricity and Magnetism**	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics**	<u>1</u>
Total	17

SENIOR YEAR

FALL	HOURS
ELET 4770, High Frequency Systems II	4
GNET 1030, Technological Systems (may be used to satisfy the Social and Behavioral Sciences requirement*)	3
MEET 3660, Applications in Thermal Sciences	3
Elective (advanced)	3
Literature**	<u>3</u>
Total	16

FRESHMAN YEAR

SPRING	HOURS
CSCI 1110, Program Development	4
ELET 1710, Circuit Analysis II	4
ELET 1720, Electronics I	4
ENGL 2700, Technical Writing	3
MATH 1710, Calculus I	<u>4</u>
Total	19

SOPHOMORE YEAR

SPRING	HOURS
ELET 2750, Introduction to Microprocessors	4
ENGL 2700, Technical Writing*	3
GNET 2060, Professional Presentations (may be used to satisfy Communication requirement*)	3
HIST 2610, United States History to 1865*	3
MATH 3310, Differential Equations	3
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	<u>1</u>
Total	20

JUNIOR YEAR

SPRING	HOURS
ELET 3760, Design of DSA Systems	4
ELET 3770, High Frequency Systems I	4
ELET 4720, Control Systems	4
PSCI 1050, American Government*	3
Technical Option (advanced)	<u>2</u>
Total	17

SENIOR YEAR

SPRING	HOURS
ELET 4790, Senior Design	2
MFET 4190, Quality Assurance	3
Cross-cultural, Diversity and Global Studies*	3
Visual and Performing Arts*	3
Technical Option (advanced)	<u>3</u>
Total	14

*Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.*