

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. Some requirements may have changed because the University Core Curriculum was being revised at the time this catalog went to press. Contact a degree program adviser.

BS in Engineering Technology

Concentration in Nuclear Engineering Technology

FRESHMAN YEAR

FALL	HOURS
CSCI 1110, Program Development	4
ENGL 1310, College Writing I	3
HIST 2610, United States History to 1865 ¹²	3
MATH 1650, Pre-Calculus ⁴	5
PSCI 1040, American Government	<u>3</u>
Total	18

FRESHMAN YEAR

SPRING	HOURS
CHEM 1420, General Chemistry	3
CHEM 1440, General Chemistry Laboratory	1
ECON 1110, Principles of Macroeconomics	3
ENGL 2210, World Literature I	3
MATH 1710, Calculus I	4
HIST 2620, United States History Since 1865 ¹²	<u>3</u>
Total	17

SOPHOMORE YEAR

FALL	HOURS
ENGL 2220, World Literature II	3
GNET 1030, Technological Systems ¹⁴	3
MATH 1720, Calculus II	3
MATH 1680, Elementary Probability and Statistics	3
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	<u>1</u>
Total	16

SOPHOMORE YEAR

SPRING	HOURS
COMM 2040, Public Speaking	3
ENGL 2700, Technical Writing	3
ENGR 2220, Statics	3
MFET 4190, Quality Assurance ³⁵	3
PSCI 1050, American Government	<u>3</u>
Total	15

JUNIOR YEAR

FALL	HOURS
CVET 3420, Industrial Materials Testing	3
ENGR 3960, Electrical Circuit Analysis	4
NUET 3910, Principles of Nuclear Technology	3
PHYS 2220, Electricity and Magnetism	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
Wellness ¹¹	<u>3</u>
Total	17

JUNIOR YEAR

SPRING	HOURS
ELET 3970, Electronic Devices and Controls	3
MEET 3990, Applied Thermodynamics	3
NUET 3920, Nuclear Instrumentation and Measurement	4
PHYS 3010, Modern Physics	3
PHYS 3030, Laboratory in Modern Physics	1
Understanding of Ideas and Values ^{16, 19}	<u>3</u>
Total	17

SENIOR YEAR

FALL	HOURS
ELET 4950, Automatic Control System	4
MFET 3940, Fluid Mechanics Applications	3
NUET 3930, Radiation Biology and Safety	4
NUET 4050, Nuclear Reactor Theory	3
Technical Option ³⁶	<u>3</u>
Total	17

SENIOR YEAR

SPRING	HOURS
ELET 4940, Electrical Power Generation and Transmission	3
NUET 4930, Reactor Engineering Design and Operation	4
NUET 4990, Senior Design Project	2
Technical Option ³⁶	4
Visual and Performing Arts ^{7, 16}	<u>3</u>
Total	16

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

See Arts and Sciences notes in supplement booklet for footnotes.