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

### 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*	3
MATH 1650, Pre-Calculus	<u>5</u>
Total	15

##### SOPHOMORE YEAR

FALL	HOURS
GNET 1030, Technological Systems (may be used to satisfy Social and Behavioral Sciences requirement*)	3
GNET 2060, Professional Presentations (may be used to satisfy Communication requirement**)	3
MATH 1720, Calculus II**	3
PHYS 1710, Mechanics**	3
PHYS 1730, Laboratory in Mechanics**	1
Humanities*	<u>3</u>
Total	16

##### JUNIOR YEAR

FALL	HOURS
ENGR 2450, Fundamentals of Electrical Engineering	4
MFET 4190, Quality Assurance	3
NUET 3910, Principles of Nuclear Technology	3
Technical Option	3
Wellness*	<u>3</u>
Total	16

##### SENIOR YEAR

FALL	HOURS
ELET 4940, Electric Power Generation and Transmission	3
MEET 3940, Fluid Mechanics Applications	3
NUET 3930, Radiation Biology and Safety	4
NUET 4050, Nuclear Reactor Theory	3
Technical Option (advanced)	<u>3</u>
Total	16

##### FRESHMAN YEAR

SPRING	HOURS
CHEM 1410, General Chemistry**	3
CHEM 1430, General Chemistry Laboratory**	1
ENGL 2700, Technical Writing*	3
HIST 2620, United States History Since 1865*	3
MATH 1710, Calculus I**	4
Cross-cultural, Diversity and Global Studies*	<u>3</u>
Total	17

##### SOPHOMORE YEAR

SPRING	HOURS
ENGR 2301, Statics	3
MATH 1680, Elementary Probability and Statistics	3
PHYS 2220, Electricity and Magnetism**	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics**	1
PSCI 1040, American Government*	3
Technical Elective	<u>3</u>
Total	16

##### JUNIOR YEAR

SPRING	HOURS
ELET 3970, Electronic Devices and Controls	3
MEET 3990, Applied Thermodynamics	3
NUET 3920, Nuclear Instrumentation and Measurement	4
PSCI 1050, American Government*	3
Technical Option (advanced)	<u>3</u>
Total	16

##### SENIOR YEAR

SPRING	HOURS
ELET 4950, Automatic Control Systems	4
NUET 4790, Senior Design Project	2
NUET 4930, Reactor Engineering Design and Operation	4
Technical Option	3
Visual and Performing Arts*	<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.*

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