

Year 1 Fall	CHEM 1010U Chemistry I	COMM 1050U Technical Communications	MATH 1010U Calculus I	MATH 1850U Linear Algebra for Engineers	PHY 1010U Physics I	
Year 1 Winter	BIOL 1011U Introductory Cell & Molecular Biology	CHEM 1020U Chemistry II (CHEM 1010U)	ENGR 1200U Introduction to Programming	MATH 1020U Calculus II (MATH 1010U)	NUCL 1530U Radiation & Nuclear Technologies	PHY 1020U Physics II (PHY 1010U)
Year 2 Fall	CHEM 2020U Intro to Organic Chemistry (CHEM 1020U)	ELEE 2790U Electric Circuits (MATH 1020U, PHY 1020U, MATH 1850U)	ESNS 2140U Problem Solving, Modelling & Simulation (MATH 1020U, PHY 1010U or ENSY 2210U, ENGR 1200U or CSIC 1040U)	MATH 2860U Differential Equations for Engineers (MATH 1020U, MATH 1850U)	NUCL 2500U Introduction to Nuclear Physics (MATH 1020U, PHY 1020U)	
Year 2 Winter	ENVS 1000U Environmental Science	MATH 2810U Advanced Engineering Mathematics (MATH 1020U) <u>OR</u> MATH 2070U Numerical Methods (MATH 1020U, MATH 1850U)	NUCL 2950U Radiation Protection (NUCL 2500U)	SSCI 1470U Impact of Science & Technology on Society	STAT 2800U Statistics & Probability for Engineers (MATH 1020U)	
Year 3 Fall	NUCL 3860U Intro to Nuclear Reactor Technology (PHY 1020U)	HLSC 1200U Anatomy & Physiology I	NUCL 3740U Scientific Instrumentation (ELEE 2790U, STAT 2800U)	RADI 3200U Medical Imaging (NUCL 2950U)	RADI 4550U Radiation Detection & Measurement (NUCL 2500U, NUCL 2950U)	
Year 3 Winter	ENGR 3360U Engineering Economics	RADI 4220U Radiation Biophysics & Dosimetry (BIOL 1011U, NUCL 2950U)	RADI 4440U Radioisotopes & Radiation Machines (NUCL 2950U)	Basic Science <u>OR</u> Engineering Elective	Complementary Studies Elective	
Year 4 Fall	RADI 3570U Environmental Effects of Radiation (NUCL 2950U)	ESNS 4660U Risk Analysis Methods (STAT 2800U)	RADI 4430U Industrial Applications of Radiation Techniques (NUCL 3740U, RADI 4550U)	RADI 4995U Thesis Design Project I (all courses above completed)	Liberal Studies Elective	
Year 4 Winter	RADI 4320U Therapeutic Applications of Radiation Techniques (NUCL 2950U)	RADI 4999U Thesis Design Project II (RADI 4995U)	Senior Science <u>OR</u> Engineering Elective	Senior Science <u>OR</u> Engineering Elective	Liberal Studies Elective	