

NUCLEAR ENGINEERING

FALL 2019

COURSE CODE	COURSE NAME	ELECTIVE TYPE
NUCL 4510U	Nuclear Plant Chemistry	Engineering / Science
RADI 3200U	Medical Imaging	Engineering / Science
RADI 4550U	Radiation Detection & Measurement	Engineering / Science

WINTER 2020

COURSE CODE	COURSE NAME	ELECTIVE TYPE
ENGR 4460U	Nuclear Power Systems	Engineering / Science
NUCL 4680U	Nuclear Materials	Engineering / Science
NUCL 4880U	Principles of Fusion Energy	Engineering / Science
RADI 4440U	Radioisotopes & Radiation Machines	Engineering / Science
ENGR 3840U	Fuel Cell Design	Engineering Design
NUCL 4670U	Shielding Design	Engineering Design

HEALTH PHYSICS & RADIATION SCIENCE

WINTER 2020

COURSE CODE	COURSE NAME	ELECTIVE TYPE
ENGR 2010U	Thermodynamic Cycles	Basic Engineering / Science
MATH 2070U*; or MATH 2810U*	Numerical Methods; or Advanced Engineering Math	Basic Engineering / Science
HLSC 1201U	Anatomy & Physiology II	Basic Engineering / Science
NUCL 3820U	Nuclear Reactor Kinetics	Basic or Senior Engineering / Science
ENGR 4460U	Nuclear Power Systems	Senior Engineering / Science
ENGR 4730U	Reactor Control	Senior Engineering / Science
NUCL 4610U	Corrosion for Engineers	Senior Engineering / Science
NUCL 4670U	Shielding Design	Senior Engineering / Science
NUCL 4680U	Nuclear Materials (prereq – ask fesnsadvising@uoit.ca)	Senior Engineering / Science

NOTES

- *not an approved liberal or complementary studies elective is this course is listed in your program map (and Management students)
- Please note: this list is not exhaustive – is a course you wish to take is not on this list, please email fesnsadvising@uoit.ca with a request for approval
- Not sure what a course will be about? Read the full course description at: <http://calendar.uoit.ca/> under “course descriptions”