

Minor in Radioenvironmental Sciences

The Minor in Radioenvironmental Sciences is one of three minors offered within the Nuclear Engineering academic curriculum to provide students the opportunity to obtain education and training in the nuclear sciences. It is designed for students from Biology, Chemistry, Engineering, Physics or related discipline who are interested in the environmental aspects of radiation and radioactive materials.

Requirements

The minor requires a minimum of 15 credits of course work. As background preparation, the student must have had the prerequisites of a minimum of college algebra and two semesters of college physics.

Required courses:

NU_ENG 4303	Radiation Safety	3
NU_ENG 4328	Introductory Radiation Biology	3
NU_ENG 4391	Nuclear Radiation Detection	3
or CHEM 4600	Introduction to Radiochemistry with Lab	

Select two additional courses form the list below:

NU_ENG 2201	Topics in Nuclear Engineering	3
NU_ENG 4330	Science and Technology of Terrorism and Counter Terrorism	3
CHEM 3300	Fundamentals of Physical Chemistry	3
CHEM 4280	Environmental Chemistry	3
CV_ENG 3200	Fundamentals of Environmental Engineering	4
CV_ENG 4220	Hazardous Waste Management	3
CV_ENG 4250	Environmental Regulatory Compliance	3