

Minor in Radioenvironmental Sciences

Three minors are offered within the Nuclear Engineering academic curriculum to provide students the opportunity to obtain education and training in the nuclear sciences: Nuclear Engineering; Medical and Health Physics, and Radioenvironmental Sciences. Each minor requires a minimum of 15 credits of course work. As background preparation, the Nuclear Engineering minor requires math through differential equations and two semesters of calculus-based physics, and the other two minors the student has had the prerequisites of a minimum of college algebra and two semesters of college physics.

The minor in Radioenvironmental Sciences is designed for students from Biology, Chemistry, Engineering, Physics or related disciplines who are interested in environmental aspects of radiation and radioactive materials. The minor is satisfied by selecting five courses from the following list (courses denoted with an "*" are required):

Required:

		Grade
NE 4303*	Radiation Safety (3)	_____
NE 4328*	Radiation Biology (3)	_____
NE 4391*	Radiation Detection and Measurement (3) (co-taught with Chem 4600)	_____

Select two additional courses from the list below:

NE 2201	Applications of Nuclear Technology to Society (3)	_____
NE 4330	Scientific & Technological Aspects Terrorism & Counter Terrorism (3)	_____
NE 4350	Nuclear Methods in Bioenvironmental Studies (3)	_____
NE 4379	Particulate Systems Engineering (3)	_____
Chem 3300	Fundamentals of Physical Chemistry (3)	_____
Chem 4280	Environmental Chemistry (3)	_____
CEE 3200	Fundamentals of Environmental Engineering (3)	_____
CEE4220	Hazardous Waste Management (3)	_____
CEE 4250	Environmental Compliance, Auditing & Permitting (3)	_____

Print Name

Sign Name

Expected Grad Date

Approvals:

William H. Miller Date

Professor
Nuclear Science and Engineering Institute
E2433 Lafferre Hall
MillerW@missouri.edu
573-882-9692 (Voice)
573-884-4801 (Fax)
NE Web Site: <http://nsei.missouri.edu>

Paul Chan Date

Associate Professor
Chemical Engineering
W2029 Lafferre Hall
ChanP@missouri.edu
573-882-7684 (Voice)
573-884-4940 (Fax)
ChE Web Site: <http://www.missouri.edu/~chewww/>