

Minor in Medical/Health Physics

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 Medical/Health Physics is designed for students from Biology, Chemistry, Engineering, Physics or related discipline who are interested in the biological effects of radiation in medical utilization and in occupational health and safety. The minor is satisfied by selecting courses from the following list (courses denoted with an "*" are required):

Required:		Grade
Nuc Eng 4303*	Radiation Safety (3)	_____
Nuc Eng 4328*	Intro Radiation Biology (3)	_____
Nuc Eng 4391*	Nuclear Radiation Detection (3) or	_____
Chem 4600	Intro Radiochem with lab (3)	_____

Select additional courses from the list below:

Nuc Eng 2201	Appl of Nuclear Tech to Society (3)	_____
Nuc Med 3256	Clinical Nuclear Medicine I (2)	_____
Chem 4170	Medicinal Chemistry (3)	_____
Nuc Eng 4319	Physics and Chemistry of Materials (3)	_____
Nuc Med 4329	Radiopharmaceuticals in Nuclear Med (3)	_____
Bio Engr 4570	Biomedical Imaging (3)	_____
Biochem 3630	General Biochemistry (3)	_____

Print Name	Sign & Name	Expected Grad Date
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Approvals:

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