

Minor in Medical/Health Physics

Note: this form must be completed and submitted to one of the coordinators prior to taking any classes for minor.

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:	Courses to be taken for minor (semester)	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	Signature
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Department/Major	Expected Graduation Date
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Pre-Approvals: _____

Tushar Ghosh	Date	Paul Chan	Date
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Final Approvals: _____

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