

Minor in Medical/Health Physics

The Minor in Medical/Health Physics 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 biological effects of radiation in medical utilization and in occupational health and safety.

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 additional courses from the below options:

NU_ENG 2201	Topics in Nuclear Engineering	3
NUCMED 3256	Clinical Nuclear Medicine I	2
CHEM 4170	Medicinal Chemistry	3
NU_ENG 4319	Physics and Chemistry of Materials	3
NUCMED 4329	Radiopharmaceuticals in Nuclear Medicine	3
BIOL_EN 4570	Fluorescent Imaging	3
BIOCHM 3630	General Biochemistry	3