NUCLEAR ENGINEERING MINOR

Mechanical Engineering (ENME)
2181 Glenn L. Martin Hall
Phone: 301-405-2410
http://enme.umd.edu/undergraduate/degrees/minor-nuclear-engineering/

Contact Dr. Nikhil Chopra (nchopra@umd.edu) for further information.

The minor in Nuclear Engineering provides the engineering student with the understanding of nuclear engineering and its application to many different fields, such as power generation, reactor operation, and industrial uses. Students in the minor will learn the fundamentals of nuclear reactor engineering, radiation interactions and measurement, power plant design concepts, and reactor safety. The minor is open to any student in the Clark School of Engineering.

REQUIREMENTS

To successfully complete the minor in nuclear engineering, a student must complete a total of 15 credits (5 3-credit courses). All courses must be completed with a grade of "C-" or higher. A maximum of two of the required five courses can be used to satisfy requirements of the student's major (with approval of the major department).

Course	Title	Credits
All students pursuing the minor will be required to take the following four courses:		
ENME430	Fundamentals of Nuclear Reactor Engineering	3
ENME431	Nuclear Reactor Systems and Safety	3
ENME432	Reactor and Radiation Measurements Laboratory	3
ENRE447	Fundamentals of Reliability Engineering	3
Nuclear Engineering Elective [1]		3
Total Credits		**15**

[1] The elective course should be related to nuclear engineering and must be approved by the minor advisor.

Students who fulfill minor requirements will receive a notation on their official transcript.