

Nuclear Engineering Minor

This minor must be completed in conjunction with an undergraduate degree at The University of Texas at Austin in one of the following majors: Aerospace Engineering, Architectural Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computational Engineering, Electrical and Computer Engineering, Environmental Engineering, Geosystems Engineering, Mechanical Engineering, Petroleum Engineering, Physics, or Chemistry. The minor is administered by the Walker Department of Mechanical Engineering.

To be considered for admission into this program, students must meet the following requirements:

- The minor must be completed in conjunction with an undergraduate degree in one of the following supported majors: Aerospace Engineering, Architectural Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computational Engineering, Electrical and Computer Engineering, Environmental Engineering, Geosystems Engineering, Mechanical Engineering, Petroleum Engineering, Physics, or Chemistry.
- Students must have completed Mathematics 408C, 408D, 427J, Chemistry 301, Physics 303K, and 303L, or equivalent with a grade of C- or higher.
- Students who have completed 24 hours or more in residence will be encouraged to apply online at the earliest possible date. Applications will be reviewed once per semester (Fall and Spring).

Total Hours Required: 15

Requirements

Requirements are listed in the table below. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy [General Education](#) requirements, including [Core Curriculum](#). Students should also review the [University's Undergraduate Minor and Certificate Requirements and Policies](#).

Code	Title	Hours
M E 336P or N E 336P	Concepts in Nuclear and Radiation Engineering	3
Hours chosen from:		12
M E 337C or N E 337C	Introduction to Nuclear Power Systems	
M E 337F or N E 337F	Nuclear Environmental Protection	
M E 337G or N E 337G	Nuclear Safety and Security	
M E 361E or N E 361E	Nuclear Reactor Operations and Engineering	
M E 361F or N E 361F	Radiation and Radiation Protection Laboratory	
College Requirements - Engineering Undergraduate Minor and Certificate Requirements and Policies		
Total Hours		15

Additional Requirements and Policies

Mechanical Engineering Majors: Courses for a minor must be taken outside a student's major degree Field of Study, so Mechanical Engineering majors must take the N E courses (not M E courses) for the courses to count toward a minor in Nuclear Engineering.

Physics Majors: At least nine credit hours toward a minor must not count toward student's major, so students taking the Radiation Physics degree options are not eligible for the Nuclear Engineering Minor. Physics majors in all other degree options are eligible for the Nuclear Engineering Minor.

All classes must be taken on a letter-grade basis. The student must earn a combined grade point average of at least 2.00 in these courses