

NUCLEAR CRITICALITY SAFETY GRADUATE ACADEMIC CERTIFICATE

Students who wish to earn an academic certificate in nuclear criticality safety have two possible tracks that can be used to complete this certificate: Track 1 is encouraged for students majoring in nuclear engineering or a closely related program, and Track 2 is encouraged for students majoring in technology management. Students interested in this academic certificate should contact the director of nuclear engineering.

All required coursework must be completed with a grade of 'B' or better (O-10-b (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Track 1

| Code | Title | Hours |
|---|-----------------------------------|-----------|
| NE 450 | Principles of Nuclear Engineering | 3 |
| NE 535 | Nuclear Criticality Safety | 3 |
| NE Elective | | 3 |
| Select one of the following: | | 3 |
| NE 554 | Radiation Detection and Shielding | |
| Upper-Division or Graduate level Mathematics course | | |
| Total Hours | | 12 |

Courses to total 12 credits for this certificate

Track 2

| Code | Title | Hours |
|--------------------|-----------------------------------|-----------|
| TM 513 | Nuclear Criticality Safety | 3 |
| TM 514 | Nuclear Safety | 3 |
| TM 516 | Nuclear Rules and Regulations | 3 |
| NE 450 | Principles of Nuclear Engineering | 3 |
| Total Hours | | 12 |

Courses to total 12 credits for this certificate