

# Engineering

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## General Information

Idaho State University engineering graduates are successfully employed in many areas and many have chosen to continue advanced studies in a wide variety of specialized engineering disciplines.

Each student entering an engineering program is assigned a faculty advisor to guarantee an appropriate plan of study and to ensure continuity throughout the program. Each student completes university general education courses, engineering courses, and a senior design project during the final two or three semesters.

Students entering an engineering program should have: (a) adequate algebra and trigonometry to enter the calculus (MATH 1170) sequence and (b) some familiarity with computer language and computer fundamentals. Deficiencies in these areas may delay entry into their major's four-year plan of study. Preparatory mathematics and computer courses are available at Idaho State University.

## Fundamentals of Engineering (FE) Exam

Engineering students are encouraged to take the Fundamentals of Engineering (FE) exam during their senior year, while the breadth of the engineering material covered on the examination is still fresh in their minds. This exam is considered the first step in professional licensure for engineers.

## Engineering Academic Rules

1. Every Engineering student is encouraged to meet with a faculty member from her/his discipline for academic advising prior to registration each semester. A student who pursues a double major should regularly consult with a faculty member from each of the two major programs.
2. Transfer credits including correspondence, web-instructed, and video-tape courses are subject to existing engineering program articulation and/or transfer credit review criteria. Articulated courses are listed on the Registrar's web page. Any transfer course must be completed within a single academic term. A new student who wants to transfer into an Idaho State University engineering major must have prior coursework evaluated for transfer credit before matriculating into the program.
3. A student who enrolls in an engineering class while petitioning for a waiver of applicable prerequisites must secure the waiver by the end of the first week of classes or be dropped from the course in question.
4. Any prerequisite in a sequence of courses is an effective prerequisite for any subsequent course in the sequence. For example, if course A is a prerequisite for course B, and course B is a prerequisite for course C; then course A is an implied prerequisite for course C.
5. Students who have been dismissed from an engineering program may not enroll in engineering courses prior to readmission.