

Materials Science and Engineering
Boise State University
Guidelines: Technical Electives
Last updated: 12/3/2006

Students are required to take 18 credits of technical electives.

All technical electives must be approved by the student's advisor.

In addition to being approved by the advisor, the technical electives must follow these guidelines

- At least 6 credits must be in engineering courses: CE, ECE, ENGR, MSE, or ME
- Up to 3 credits can be in MSE 498 Seminar (students are encouraged to do this)
- At least 9 credits must be in upper division courses (300 or 400 level courses)
- Students are encouraged to pursue a technical minor. Please refer to the undergraduate catalog for specific courses required for each minor. Examples of technical minors available include:

Biomedical Engineering Minor

Civil Engineering Minor

Electrical Engineering Minor

Physics Minor

Chemistry Minor

- If not pursuing a technical minor the student is encouraged to have a sequence of courses in a concentration, for example:

BIOL 191, BIOL 192, MSE 477

CHEM 301/302, CHEM 321, CHEM 322

EE 322, EE323/323L, EE440, 440L

ENGR 320, ENGR 330/331, ME 320/321

ENGR 220, ME 280, ME380