



BOISE STATE UNIVERSITY

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Approved Technical Electives

BIOLOGY

- BIOL 3xx or 4xx: Upper division Biology courses, excluding seminar, independent study, and internships.

CHEMISTRY

- CHEM 112: College Chemistry II
- CHEM 3xx or 4xx: Upper division Chemistry courses, excluding seminar, independent study and internships.

COMPUTER SCIENCE

- CS 253: Introduction to Systems Programming
- CS 3xx or 4xx: Upper division Computer Science courses, excluding seminar, independent study and internships.

ENGINEERING SCIENCE

- ENGR 2xx, 3xx, or 4xx: Upper division Engineering course, excluding ENGR 240, independent study, and internships.

MANAGEMENT

- BUS 202: The Legal Environment of Business
- BUS 301: Leadership Skills
- BUS 410: Advanced Management Topics
- BUS 441: Business in Society: Ethics, Responsibility, and Sustainability

MATERIALS SCIENCE

- MSE 3xx or 4xx: Upper division Materials Science courses, excluding seminar, independent study and internships.

MATHEMATICS

- MATH 187: Discrete and Foundational Mathematics I
- MATH 189: Discrete Mathematics
- MATH 3xx or 4xx: Upper division Mathematics course, excluding MATH 333, MATH 360, MATH 361, seminar, independent study and internships.

MECHANICAL ENGINEERING

- ME 3xx or 4xx: Upper division Mechanical Engineering courses, excluding seminar, independent study and internships.

MUSIC

- MUS 312: Introduction to Computer Music

PHYSICS

- PHYS 3xx or 4xx: Upper division Physics courses, excluding PHYS 381, seminar, independent study and internships.

SUPPLY CHAIN MANAGEMENT

- SCM 3xx or 4xx: Upper division Supply Chain Management courses, excluding independent study and internships.

STEM EDUCATION (IDoTeach)

- STEM-ED 350: Research Methods
- STEM-ED 410: Project-Based Instruction

NOTES

- *ECE 493 Internship, ECE 283/479 Undergraduate Research, ECE 496 Independent Study, and VIP 200/300/400 may be used for up to a total of three (3) credits combined of Technical Electives for the BSEE. These courses will not satisfy ECE Electives.*
- *All technical electives must be approved by your advisor prior to enrollment.*
- *Advisors are cautioned not to approve courses with significant overlap of content material.*
- *Technical electives are expected to add to the depth or breadth of a student's academic career.*
- *Training courses (e.g., those that teach a specific software package or tool) may not be counted as technical electives.*