

Natural Science Electives – Electrical Engineering 2025–2026

Electrical Engineering students are required to complete one Natural Science Elective as part of their program. This course may be taken anytime during the student's program.

Approved Natural Science Electives

FALL TERM 2025

| Course | Prerequisites | Cr. Hrs. |
|--|--|----------|
| ASTR 1810 Introduction to Astronomy: The Magnificent Universe | | 3 |
| ASTR 3180 Stars | Permission of the Physics Department | 3 |
| BIOL 1020 Biology 1: Principles and Themes | | 3 |
| BIOL 1410 Anatomy of the Human Body | | 3 |
| CHEM 1110 Introduction to Chemistry 2: Interaction, Reactivity and Chemical Properties | CHEM 1100 or CHEM 1300 | 3 |
| ENTM 2050 Introduction to Entomology | | 3 |
| GEOL 1340 The Dynamic Earth | | 3 |
| MBIO 1220 Essentials of Microbiology | | 3 |
| PHYS 2260 Optics | PHYS 1050, MATH 1510, MATH 1210, MATH 1710 | 3 |

WINTER TERM 2026

| Course | Prerequisites | Cr. Hrs. |
|--|------------------------|----------|
| CHEM 1110 Introduction to Chemistry 2: Interaction, Reactivity and Chemical Properties | CHEM 1100 or CHEM 1300 | 3 |
| CHEM 1130 Introduction to Organic Chemistry | CHEM 1100 or CHEM 1300 | 3 |
| GEOL 1340 The Dynamic Earth | | 3 |
| MBIO 1220 Essentials of Microbiology | | 3 |
| PHYS 2386 Introduction to Quantum Mechanics and Special Relativity | PHYS 2152, MATH 1710 | 3 |
| PHYS 2650 Classical Mechanics 1 | PHYS 2152, MATH 3132 | 3 |
| PHYS 3220 Medical Physics and Physiological Measurements | ECE 3580 | 3 |

Elective Courses Not Offered in 2025–2026

| Course | Prerequisites | Cr. Hrs. |
|---------------------------|---------------|----------|
| BIOL 1300 Economic Plants | | 3 |

Note: Term information is preliminary and is subject to change prior to the time of registration. Students should consult Aurora for the most up-to-date schedule information.