

## Explore Lab (XL) course options

### Lab pairing options for the Bachelor of Science Natural Science Degree Requirement.

#### Biology

Only take one of the following:

- Biology 105: Biological Concepts
- Biology 108: Honors: Biological Concepts

Pair options:

- Biology 106: Biological Concepts – Diversity
- Biology 211: Human Anatomy (Must earn a C or better in Biology 105 or 108)
- Biology 230: Biology of Animals
- Biology 231: Biology of Plants and Microbes
- Biology 233: Microbial Survey (Must earn a C or better in Biology 105 or 108)
- Biology 304: Plant Taxonomy

#### Chemistry

- Chemistry 101: General, Organic, Biochemistry I (Must earn a C or better in Math 103 or higher-level Math placement)
- OR**
- Chemistry 105: General Chemistry I (Math 104 corequisite or earn C or better for Math 104 or placement level higher than Math 104)

Pair option:

- Chemistry 102: General, Organic, and Biochemistry II (Must earn a C or better in Chemistry 101 or 105)

#### Chemistry

- Chemistry 105: General Chemistry I (Math 104 corequisite or earn C or better for Math 104 or placement level higher than Math 104)

Pair option:

- Chemistry 106: General Chemistry II (Must earn a C or better in Chemistry 105 and Math 104)

#### Engineering Technology

- Engineering Technology 130: Electrical Circuits I (Fall only) (Math 104 or higher-level Math course)

Pair option:

- Engineering Technology 131: Electrical Circuits II (Spring only) (Pre: EGRT 130)
- Engineering Technology 320: Motors and Drives (Spring only) (Pre: EGRT 130 AND PHYS 171 or 191)

#### Geography

- Geography 121: Physical Geography I – Weather and Climate

Pair option:

- Geography 221: Physical Geography II – Landforms and Soils (Pre: Geog 121)

## Geology

Only take one of the following:

- Geology 101: Geology of the National Parks (Not offered every semester)
- Geology 102: Earth: Dynamic Planet OR Geology 102Q1: Physical Geology
- Geology 110: Honors: Geology
- Geology 150: Environmental Geology

Pair option:

- Geology 109: Evolution of the Earth
- Geology 205: Mineralogy (Requires course listed above and Chemistry 105 (can be taken concurrently))

## Physics

- Physics 171: College Physics I (Mathematics 106, Mathematics 108 or equivalent)

Pair option:

- Physics 172: College Physics II (Spring only)

## Physics

- Physics 191: University Physics I (Fall only) (Concurrent registration in or previous completion of Mathematics 171)

Pair option:

- Physics 192: University Physics II (Spring only) (Physics 191 and concurrent registration in or previous completion of Mathematics 172)

## Explore Lab Science (XL) courses that do NOT have a pairing option.

\*\* Quest 1, 2, or 3 might have (XL) courses not listed here\*\*

Ask your Advisor if you have questions.

- Anthropology 202: Introduction to Biological Anthropology
- Biology 104: Ecosphere in Crisis
- Physical Science 101: Workshop Physical Science
- Physics/Astronomy: 103: The Solar System (Fall only)
  - (Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam.)
- Physics/Astronomy 104: Stars, Galaxies, and the Universe (Spring only)
  - (Completion of the minimal University general education math requirement or qualifying for Mathematics 104 or higher via the Mathematics Placement Exam.)