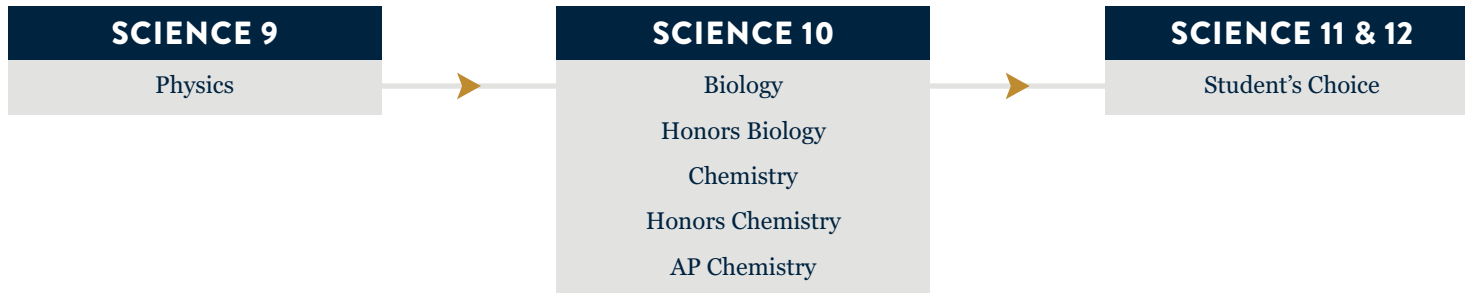


SCIENCE CURRICULUM PATHWAYS



AP OPTIONS

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Psychology
- AP Physics C: Mechanics
- AP Physics D: Mechanics and Electricity and Magnetism

YEAR-LONG OPTIONS (NON-AP)

- Engineering Design (1, 2 & 3)
- Topics in College Physics
- Honors Physics
- Psychology
- Human Anatomy and Physiology
- Honors Human Anatomy and Physiology
- Topics in College Chemistry

ELECTIVES

(scheduled to change, all are one-term unless otherwise noted)

Robotics (F/W Terms)	Forensics
Climate Science	Marine Science
Food Science	Field Ecology
Digital Fabrication	Aerospace Engineering

SCIENCE AND TECHNOLOGY SIGNATURE EXPERIENCE (STEM-RESEARCH)

STEM-Research is designed to help students develop their passion for research and to encourage them to consider a career in science-related fields. The program helps students conduct genuine STEM-focused research and develop the personal and intellectual curiosity and courage that comes from working in a research/laboratory setting. Interested students will apply to the program winter of their sophomore year.

FIRST ROBOTICS COMPETITION

In order to be eligible to apply for the Engineering subteam on Peddie's FIRST Robotics team, students are required to take the year-long Engineering Design (ED) 1 course. During subsequent years, students are strongly encouraged to enroll in ED 2 and then ED 3. To apply for the Programming subteam, students must be enrolled in a minimum level of Honors Computer Science. Please see our Computer Science pathway for more information.

NOTES

- Students will frequently take two or more year-long science courses simultaneously junior and senior year.
- Psychology courses do not count toward the lab-based course graduation requirement.
- Students must meet the prerequisites for advanced courses
- Many of the one-term electives may be taken starting sophomore year