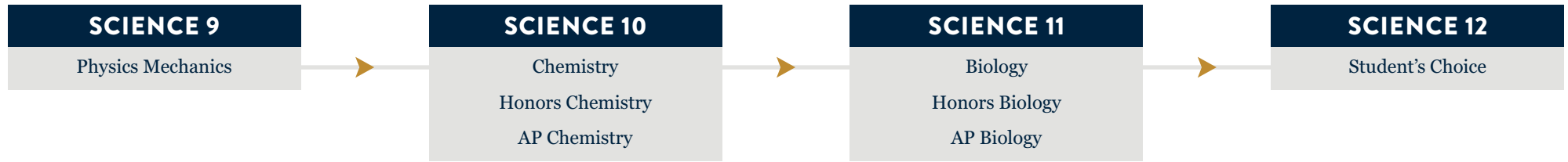


## SCIENCE CURRICULUM PATHWAYS



### AP OPTIONS

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Psychology
- AP Physics C

### YEAR-LONG OPTIONS (NON AP)

- Psychology
- Honors Human Anatomy and Physiology
- Topics in College Chemistry
- Topics in College Physics

### ELECTIVES

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

Robotics (F/W terms)	Forensics
Topics in Psychology	Digital Fabrication
Climate Science	Marine Science
Food Science	Astrophysics

### 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

Students who apply and are accepted onto Peddie's Robotics Team will have the option of being part of the Engineering or Programming Subgroups.

If selected for Engineering, students are required to take the year-long Engineering Design (ED) 1 course their first year on the team. Subsequent years, students are strongly encouraged to enroll in ED 2 and then ED 3.

If selected for Programming, students are encouraged to be enrolled in Programming 1 (Math Pathway) or above while on the team.

### 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