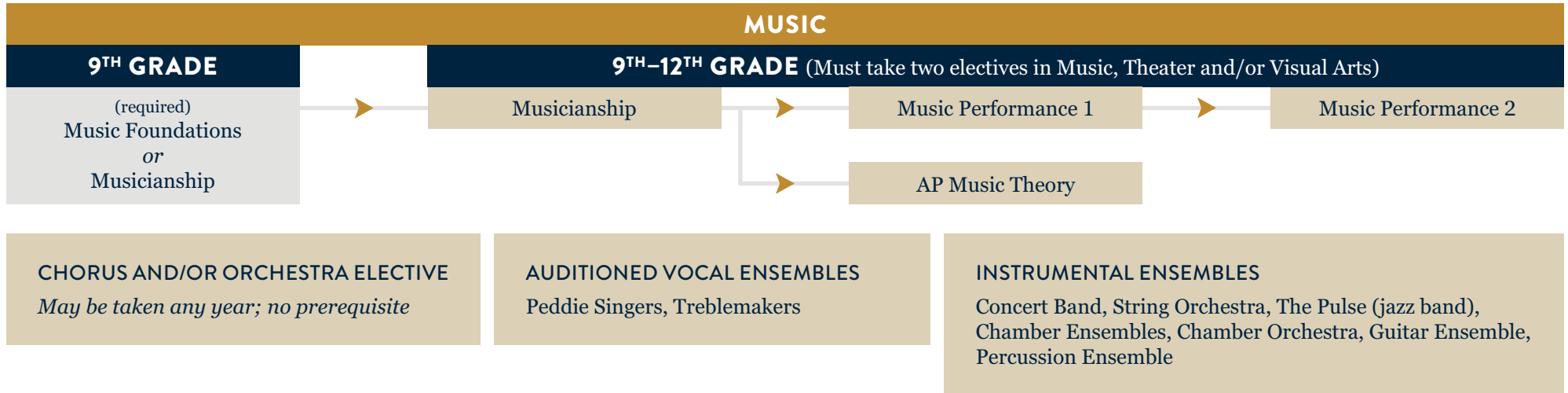
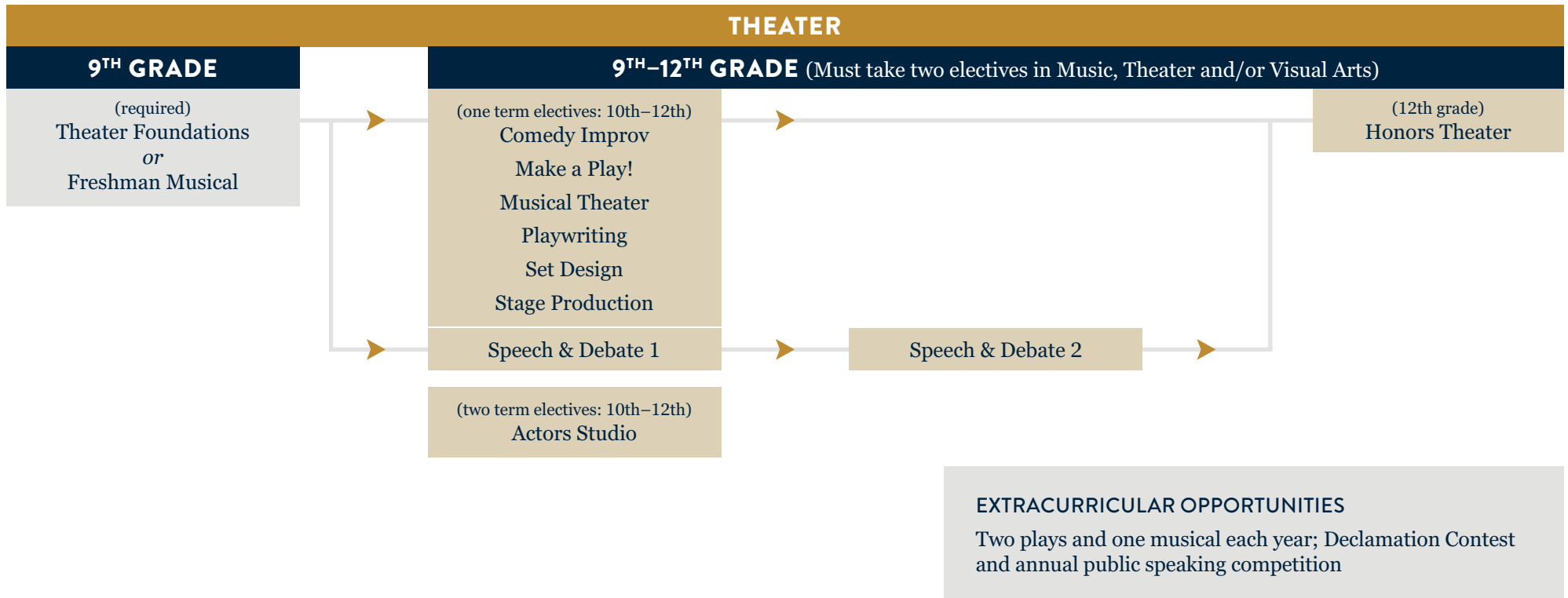


## ARTS CURRICULUM PATHWAYS 1 OF 2

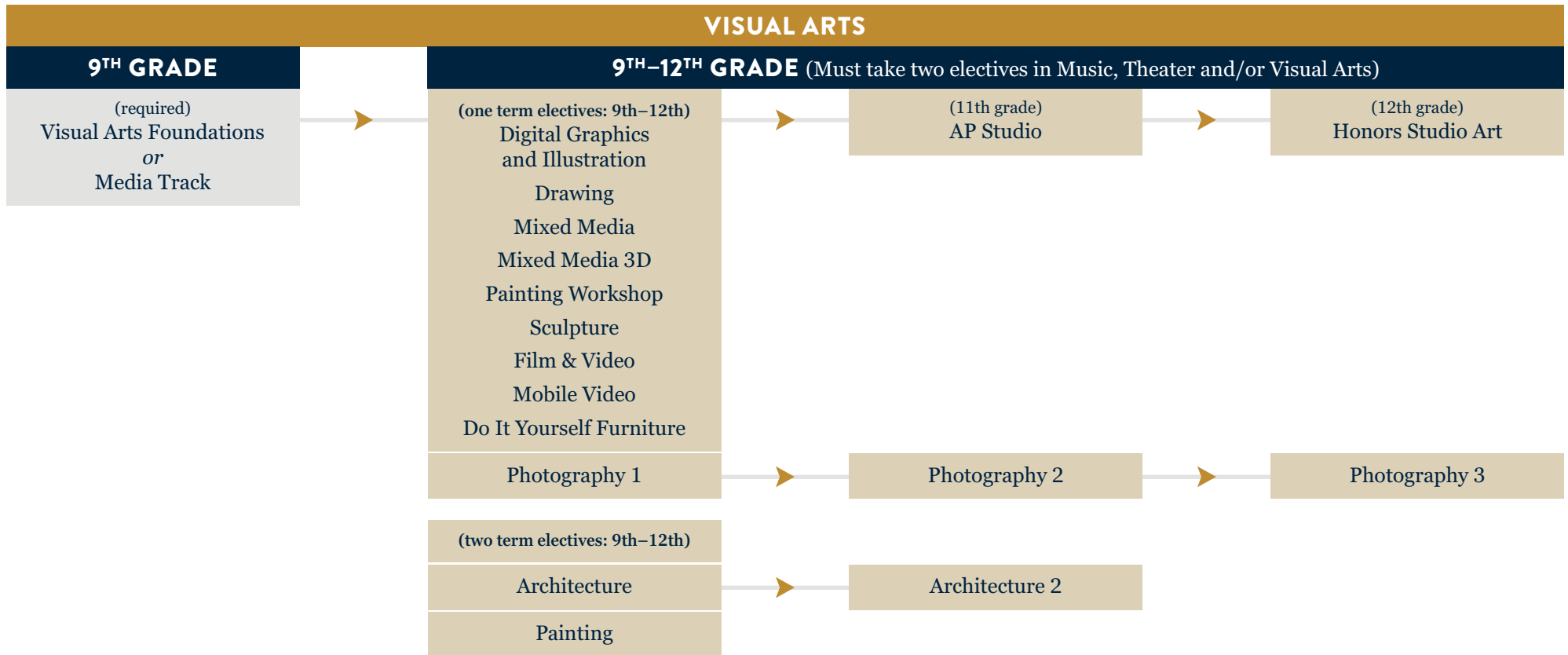
### MUSIC



### THEATER



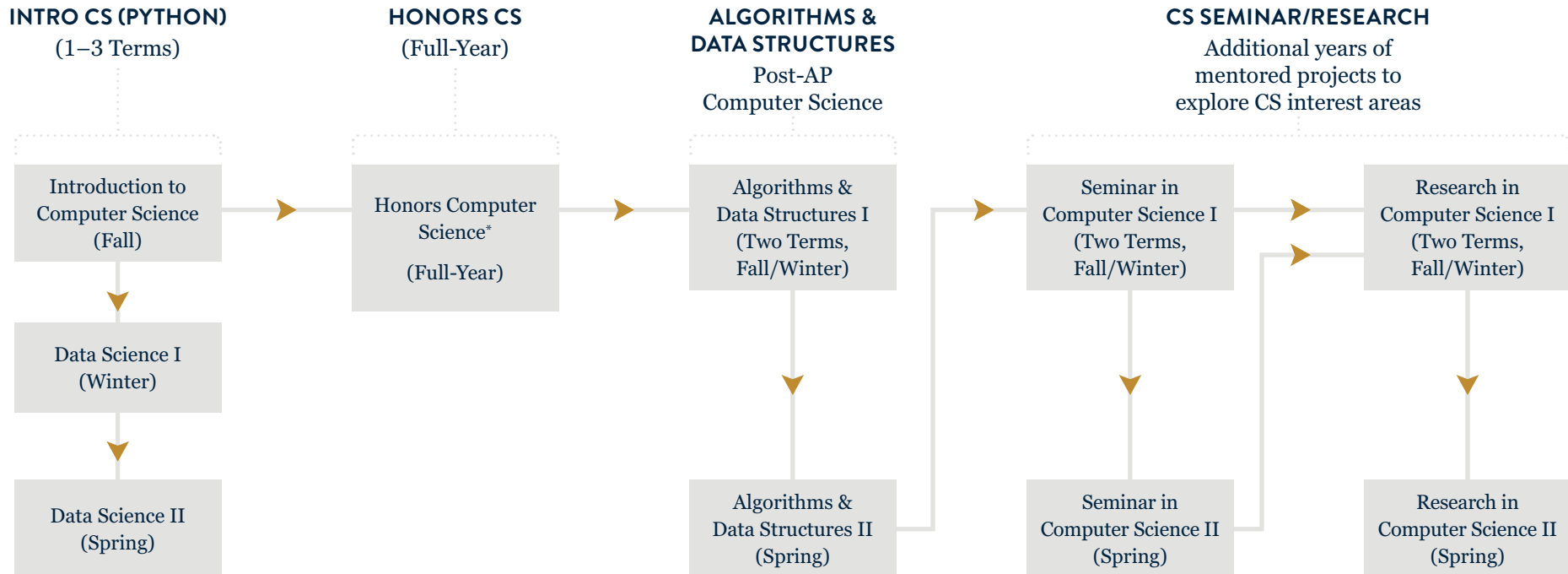
## ARTS CURRICULUM PATHWAYS 2 OF 2



### ARTS SIGNATURE EXPERIENCE

The Arts Department encourages selected students to develop their passions for music, drama or visual arts through a sequence of elective classes and extracurricular activities culminating in a public performance or exhibition in the senior year. Inspired by field trips to museums, concert halls, and theaters, as well as by visiting professionals, these young artists broaden their academic studies at Peddie with original, independent work in their chosen field of the arts.

## COMPUTER SCIENCE CURRICULUM PATHWAYS



### COMPUTER SCIENCE SIGNATURE EXPERIENCE (CS-EXP)

CS-EXP is designed to help students develop their passion for research and to encourage them to consider a career in Computer Science-related fields. This program helps students to conduct genuine CS research and develop the intellectual curiosity and courage that comes from working in a corporate or academic laboratory setting. Interested students will apply to the program during the winter term of their sophomore year.

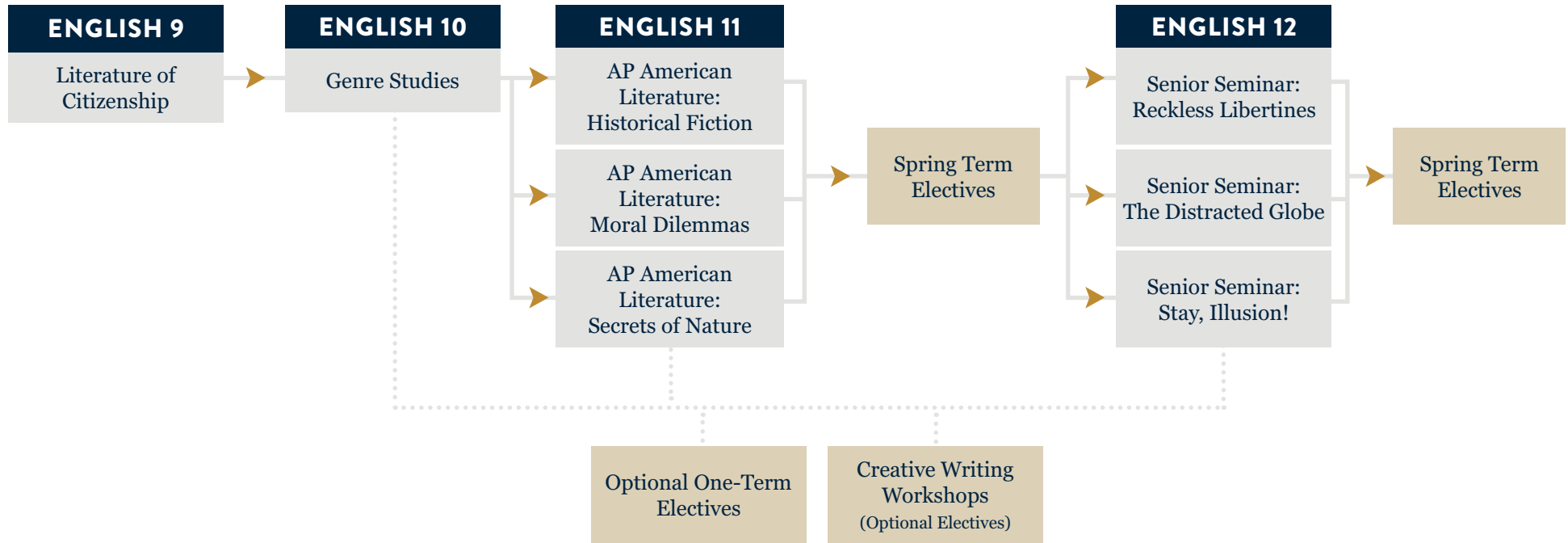
### SEQUENCE

Students are placed into courses where they will be appropriately challenged and, based on our expertise, will have the best possible computer science experience. In some cases, with the permission of the department chair, the pathway may differ from above to best meet the needs of a student.

### NOTES

- Honors Computer Science requires some prior programming experience or the permission of the math department.

## ENGLISH CURRICULUM PATHWAYS



### CREATIVE WRITING SIGNATURE EXPERIENCE

Peddie’s Creative Writing Signature Program includes a mix of Seniors and Juniors who are committed to a two-year program in Creative Writing. In it students review and practice basic storytelling elements that appear throughout short fiction, nonfiction, poetry and script writing. Students in the class sharpen skills such as structure, voice, description and narration through exercises and workshop. In addition, students attend writing events at local universities and host visiting writers. In the second year, students also develop and revise material from their coursework and their summer workshops in preparation for their Capstone Project (a 25–50 page collection of original work). Each spring, the Seniors present excerpts from their Capstones to the Peddie community at chapel and in an evening reading.

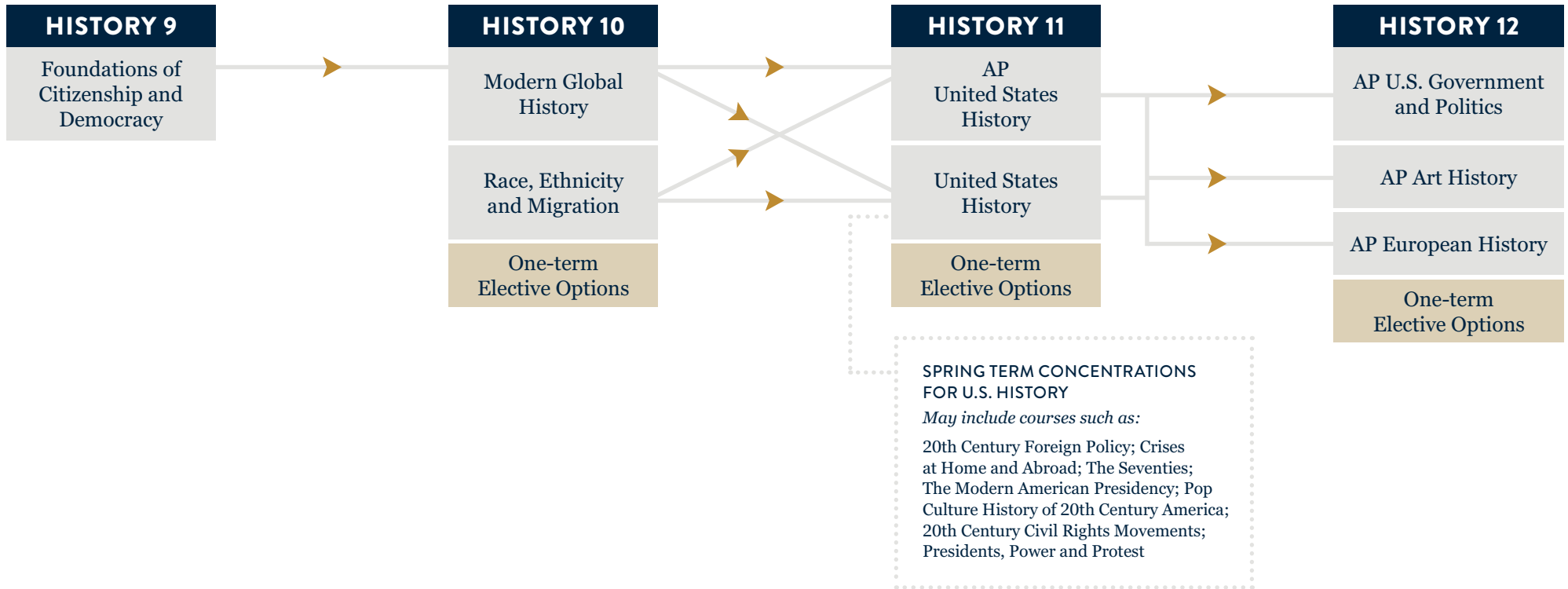
### ELECTIVES

- Students in grades 11 and 12 choose from a wide range of spring elective options, which include courses such as: *Tolstoy’s Masterpiece: Anna Karenina*; *This is America: Satire and Dystopia in American Fiction*; *Black to the Future: Black Speculative Fiction*; *Imagine: The Magical Worlds of Italo Calvino*; *Literature of Time Travel*; *Nonfiction Writing*; and *Good Movie, Great Book*.
- We also offer one-term electives in the fall and winter for students seeking additional English courses; students in grades 10, 11, and 12 can enroll in these electives any term. Titles include: *What is the Good Life?*; *Thinking about Thinking*; and *Heart, Mind and Microchips: Android Narratives*.

### NOTES

- 9th and 10th grade courses are full-year (three trimesters).
- 11th and 12th grade core courses are two trimesters.
- In each grade level, the English Department requires a significant, culminating writing assignment.
- All 11th grade students are required to take the AP English Literature course, but have the option of sitting for the AP English Language exam.

## HISTORY CURRICULUM PATHWAYS



### ONE-TERM ELECTIVES

*May include courses such as:*

American Government:  
From Politics to Policy

American Legal System

The American West: Tradition  
and Transformation

Contemporary East Asia

Covert Operations and Espionage:  
The CIA in Latin America

History and Politics of Sport

Modern Middle East

Modern Russia

Parties, Politics and Elections

Slave Trade and the Atlantic World

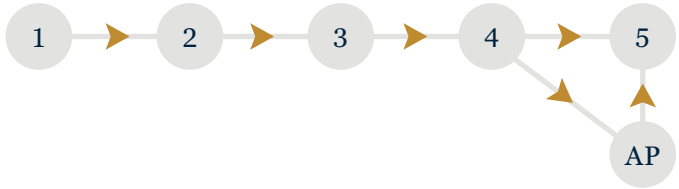
South Africa's Search for Truth  
and Reconciliation

### NOTES

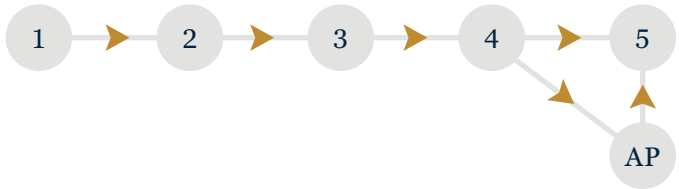
- New 10th graders who have already taken Modern Global History are enrolled in the Race, Ethnicity and Migration class, a skills-based course designed to integrate new students into the history classroom.
- 11th graders enrolled in U.S. History choose a 20th century thematic focus for the spring term.
- Students who qualify may take AP U.S. History as juniors and other AP courses as seniors.
- One-term electives and spring term concentrations vary annually.
- The Department offers a Signature Program in Asian Studies.

## LANGUAGE CURRICULUM PATHWAYS

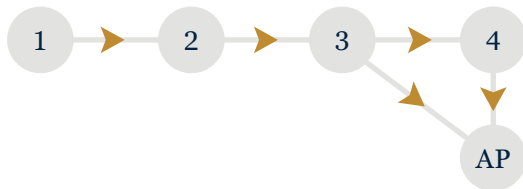
### LATIN



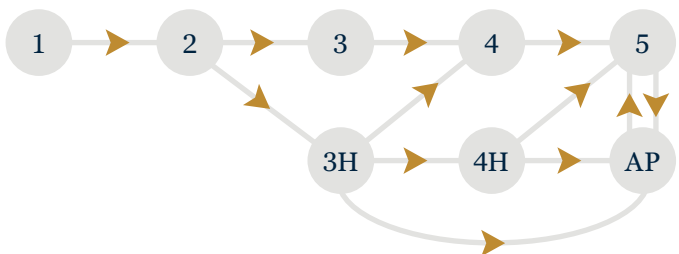
### MANDARIN



### FRENCH



### SPANISH



### LANGUAGE SIGNATURE PROGRAM

The goal of the Language Signature Program is to enable our best and most motivated students to enrich their language experience through a sequence of extracurricular activities culminating in a public presentation or exhibition in the senior year. Signature program participants will be able to explore language and culture beyond the classroom through field trips, projects, research, enrichment courses and travel abroad. They will also deepen and broaden their language exposure at Peddie with independent work in their chosen field of French, Latin or Spanish language.

### ASIAN STUDIES SIGNATURE EXPERIENCE

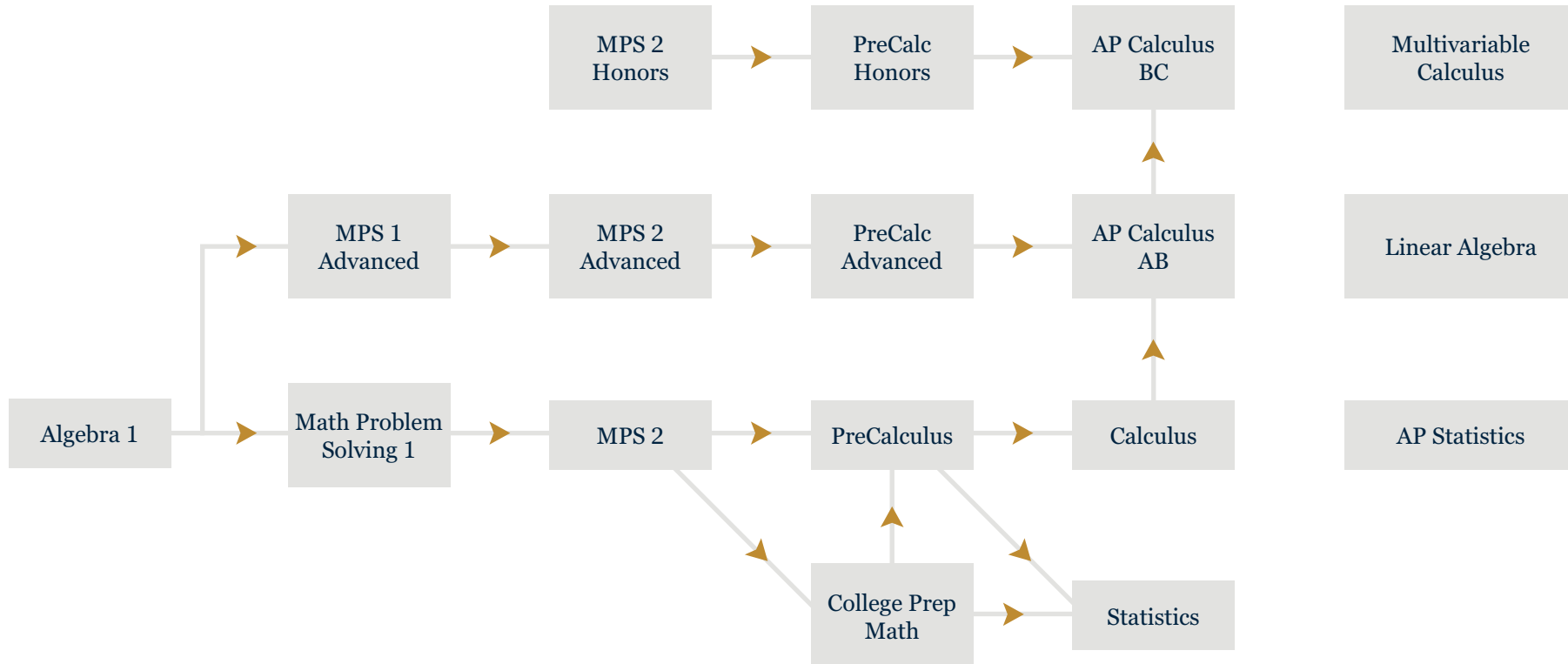
The Asian Studies Signature Experience allows selected students to pursue an interest in Asia in- and out-of-class experiences, culminating in an independent research project. Advanced offerings in Mandarin, electives focusing on Asian history, culture, religion and politics and an established sister-school relationship with EFZ in Shanghai allow students to develop an individualized, comprehensive program specifically tailored to their interests.

### NOTES

Each language class is full-year (three trimesters). Classes marked (H) indicate an honors course, open to students with recommendation of the department. AP courses also require departmental recommendation. In some cases, a placement test will also be required.

- Students wishing to begin their language studies above the first level will be required to take a placement test upon their enrollment.
- Peddie is a member of the School Year Abroad (SYA) program. In recent years students have spent a year studying in France, Spain and China. Other students have chosen to spend time in summer language immersion programs in these countries.
- In recent years, the Foreign Language Department has sponsored trips abroad including China, Spain and France.

## MATH CURRICULUM PATHWAYS



### SEQUENCE

Students are placed into courses where they will be appropriately challenged and, based on our expertise, will have the best possible mathematics experience. In some cases, with the permission of the department chair, the pathway may differ from above to best meet the needs of a student. This may require additional summer study.

### ECONOMICS

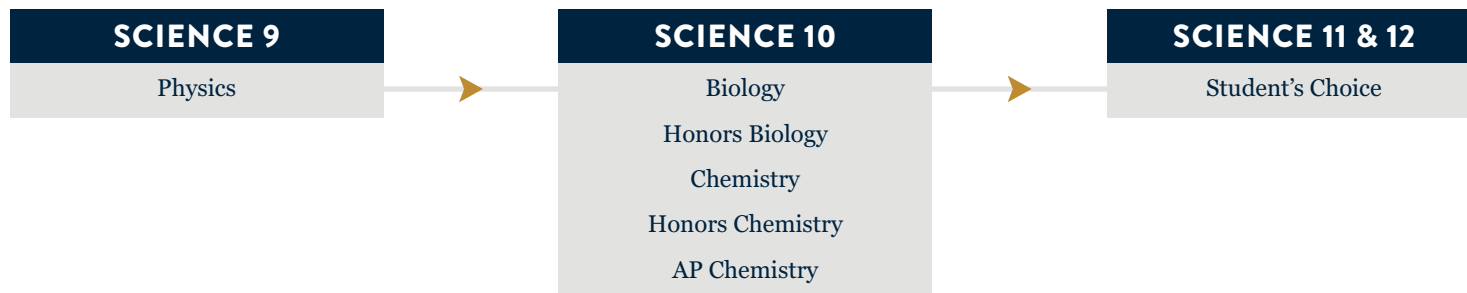
Each of the following courses are one-term electives and may be taken independently of one another.

- Microeconomics (Fall)
- Macroeconomics (Winter)
- Finance (Spring)

### NOTES

- Roughly, the higher a course appears on this page, the more challenging it is. All courses above the bottom row *and* all AP courses require departmental permission.
- See the Course of Studies for detailed prerequisites and co-requisites.
- Graduation requirement is one full course beyond MPS2.

## 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