

What course will my child be taking as a 9th grader?

Three years (6 D20 credits) of science are required for graduation. Two of those (4 D20 credits) must be lab-based classes. **Some colleges may require additional science credits/requirements, so please follow admission guidelines when deciding what and how many science classes to take at PCHS.** Each semester long course earns a student 1 credit, while full year courses will earn 2 credits. Sciences that qualify as a lab-based are marked with an 'L' on the flowchart.

Earth Science: This is a lab-centered course covering subjects in geological and astronomical science. In addition, Earth Science explores how science, technology, and human activity can affect the world.

Honors Biology: This is a lab-centered course that provides crucial background in the life sciences. Honors Biology studies all topics included in Biology while also exposing students to advanced topics such as biotechnology, bio-ethics, ecological issues, and microbiology. Students are expected to work in an independent manner and complete significant laboratory and writing components. Activities in this course are designed to strengthen abstract reasoning and critical thinking skills. **Students wishing to take this course must fill out an application and be accepted into the Honors Program at Pine Creek.**

Is my child ready to take an Honors Science course?

Kids who excel in an honors course tend to be organized, have good study habits, and are self motivated. Honors classes are rigorous and require that students consistently turn work in on time and can complete detailed projects. It is also important that your child is willing to self advocate when a problem arises.

Our Electives and Clubs

*Electives:

At Pine Creek, we offer a wide range of elective courses encouraging passion and interest in the sciences. These courses do require specific prerequisites and successful completion of core science classes.

Classes include:

*Principals of Biomedical Science
Anatomy and Physiology
Science in Society
Science in the Imagination
Zoology
Science in Sports
Astronomy*

Advanced Placement:

AP Courses are recommended to Pine Creek's Junior and Senior students who are interested in learning a science in more detail, and wish to challenge themselves with college level content. It is suggested that students wishing to take these courses have successful completion of other science and math based classes, be highly motivated, and committed to intense study. It is also expected that students taking these courses take the AP Exam in May.

Classes Include:

*Biology
Chemistry
Environmental Science*

Clubs:

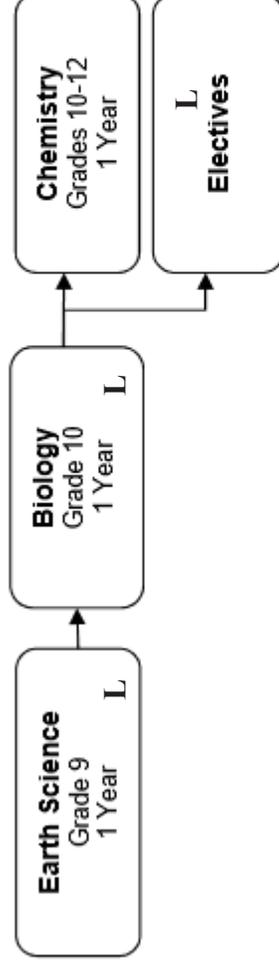
*Knowledge Bowl
Science National Honors Society*



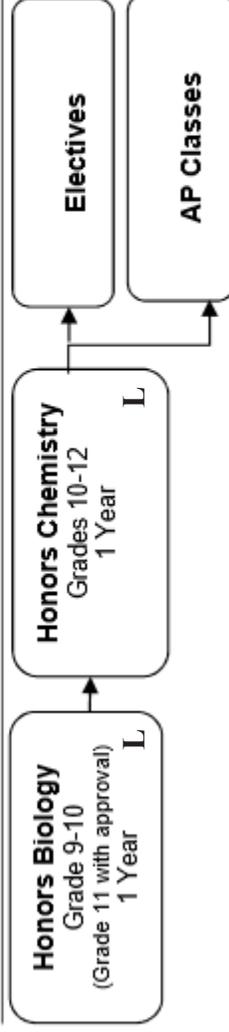
Pine Creek
High School



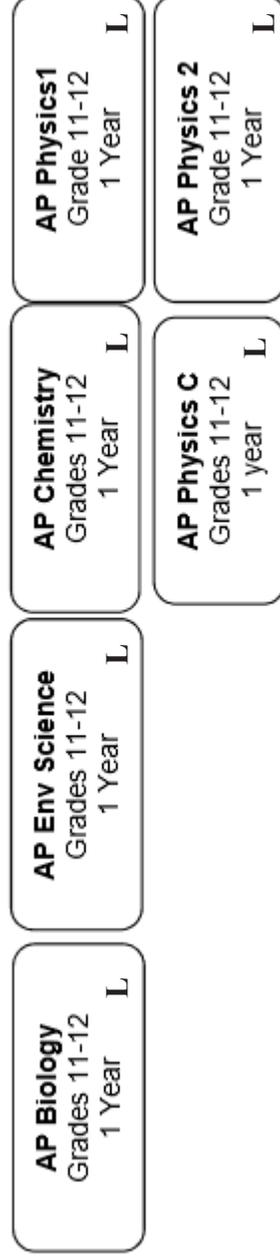
Science – Course Overview



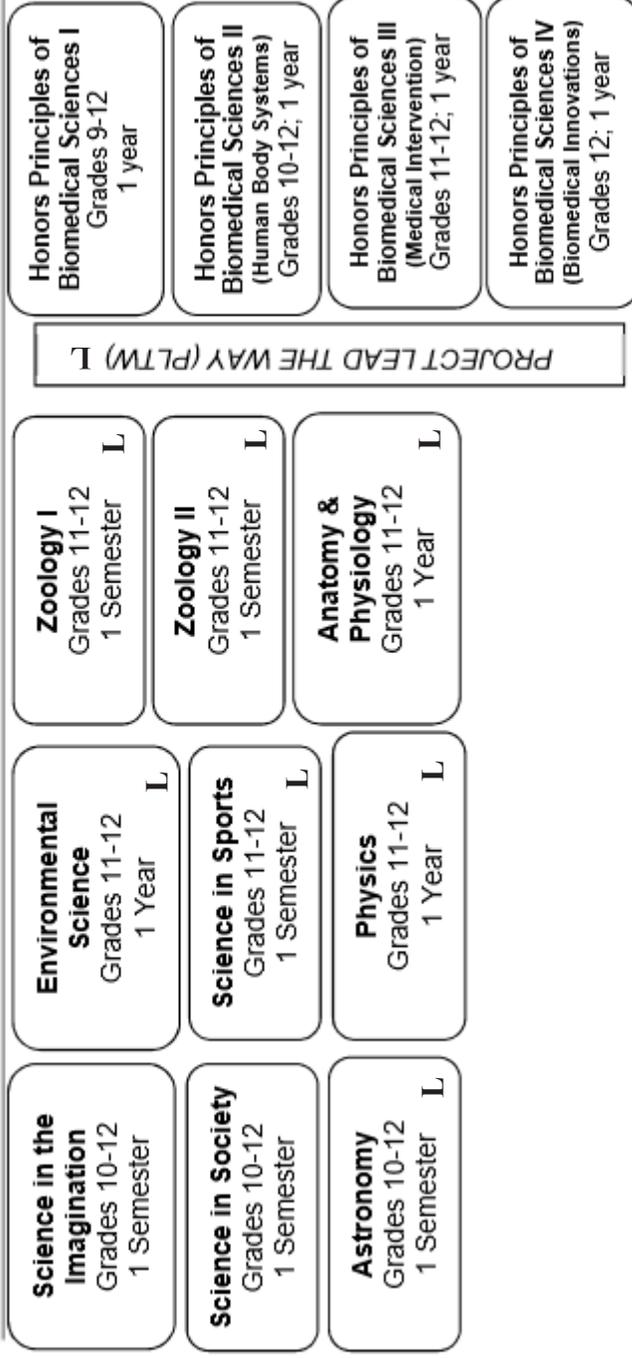
Honors Courses



Advanced Placement (AP) Courses



Core Elective Courses



Extended Studies–Science

Grades 11–12
1 semester