

Parents should tailor science courses to their teen’s post high-school plans. Building a 4-Year Plan <https://www.hslda.org/highschool/docs/SamplePlans.pdf> or <http://www.hslda.org/highschool/HSguide.asp> or <https://www.hslda.org/highschool/brochures.asp> helps parents decide which track best suits their teen. Remember that math is the language of many sciences, so the following tracks list math prerequisites in addition to science prerequisites.

- **General High School Track** is optimal for students preparing to join the workforce, seeking to apply for vocational training, or planning to enlist in the military. Consider 2-3 years of the following science courses, which must be taught at the high school level:

Courses	Science Prerequisite	Math Prerequisite
General Science	N/A	N/A
Physical Science	N/A	N/A
Biology	Life Science (Middle School)	N/A
Health Sciences	Life Science (Middle School)	N/A
Chemistry	Physical Science	Algebra 1
Astronomy	Physical Science	Algebra 1

- **Average to Strong College Prep Tracks** prepares students to apply to most colleges and universities. In addition, we strongly recommend checking the websites of potential colleges, which your teen plans to apply to, for specific requirements. Check catalogs for dual enrollment prerequisites. Students may begin high school science in the 8th grade only if the course is taught at the high school level. The *Average College Prep Plan* consists of 3 years of science, but the *Strong College Prep Plan* consists of 4 years of the following science courses:

Courses	Science Prerequisite	Math Prerequisite
Physical Science	General Science (Middle School)	N/A
Biology	Life Science (Middle School)	N/A
Health Sciences	Life Science (Middle School)	N/A
Chemistry	Physical Science	Algebra 1
Astronomy	Physical Science	Algebra 1
Anatomy/Physiology	Biology	N/A
Physics	Physical Science	Algebra 1 (Algebra 2 recommended)

- **Rigorous College Prep Track** prepares students to apply to highly selective colleges and universities. We strongly recommend checking the websites of potential colleges, which your teen plans to apply to, for specific requirements. Check catalogs for dual enrollment prerequisites. Students may begin high school science in the 8th grade only if the course is taught at the high school level, and students should take four or more years of the following science courses:

Courses (recommended years)	Science Prerequisite	Math Prerequisite
Physical Science (8, 9, or 10 th)	General Science (Middle School)	N/A
Biology (8, 9, or 10 th)	Life Science (Middle School)	N/A
Chemistry (9, 10, or 11 th)	Physical Science	Algebra 1 (Algebra 2 recommended)

Anatomy/Physiology (9, 10, 11, 12 th)	Biology	N/A
AP Biology (11 or 12 th)	Biology	Algebra 1
AP Environmental Sci. (11 or 12 th)	Biology & Chemistry	Algebra 1
AP Chemistry (11 or 12 th)	Chemistry	Algebra 2
Physics (11 or 12 th)	Physical Science	Algebra 1 (Algebra 2 recommended)
AP Physics (11 or 12 th)	Physical Science	Pre-Calculus (Calculus concurrently)

In addition to all the providers listed in the science individual curriculum section

http://www.hslda.org/highschool/curriculum.asp#subject_science , consider Complete Curriculums

<http://www.hslda.org/highschool/curriculum.asp#CC> , Correspondence Schools

<http://www.hslda.org/highschool/curriculum.asp#CS> , Online Course/Distance Learning

<http://www.hslda.org/highschool/curriculum.asp#OC/DL> , and Advanced Placement Courses Online

http://www.hslda.org/highschool/curriculum.asp#advanced_placement to find more course curriculums and class providers.