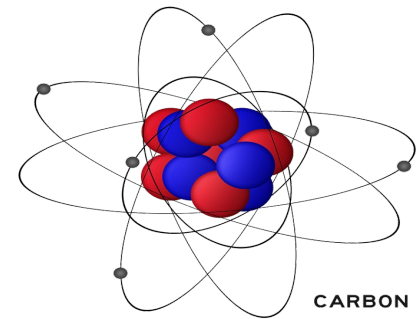


Science Department Course Options





Any student wishing to take Advanced Chemistry, Advanced Earth Science, or any AP courses (AP Physics, Biology, Chemistry, Environmental Science or College Forensics)
NEEDS TO COMPLETE AN APPLICATION

- *Application will be made available to all guidance counselors and will be available on the Science Department website - high school homepage - nrhs.nred.org*
- *A hard copy of the application must be submitted to ROOM 360 B - Ms. Pasqua will collect them. Deadline for application submission is March 15, 2019*

**Following slides are ONLY
suggestions of courses and selection
criteria.**

Students currently taking LE and algebra:

85 or above in Algebra/LE

Advanced Earth Science
Regents Chemistry (strong
math skills recommended)

Below 85

Regents Earth Science

Students currently taking Advanced Earth Science and Geometry:

90 or above in Algebra/Geometry/LE/ES

Advanced Chemistry (Pre-AP Level Class)

Below 90

Regents Chemistry

Students currently taking Regents Chemistry and Geometry:

85 or above in ALL Previous Science and Math Classes

AP Physics 1 or Regents Physics

Current 10th Graders

<u>Currently Taking</u>	<u>Options</u>
Earth Science/Geometry	Regents Chemistry - 85 or above in <u>ALL</u> science and math classes Advanced Chemistry - 90 or above in ALL science and math classes Physics - regents - 85 or above in ALL science and math classes
Chemistry/Geometry	AP Physics 1 or Regents Physics - 85 or above in ALL science and math classes
AP Physics 1/ Algebra 2 or other advanced math	Choose from <u>one</u> of the courses: below or an elective: AP Biology AP Chemistry AP Physics 2 AP Physics C (Calc. pre/or co-req.) Ap Environmental Science College Forensics <u>All courses require 85 or higher in ALL math and science classes</u>

Note

Following Electives Are Also Available:

Fauna and Flora

Introduction to Forensic Science

Science of Food

Real-Life Science

Astronomy

Ethics and Controversy in Science

Dinosaurs

Marine Science

Current 11th Graders

<u>Currently Taking</u>	<u>Options</u>
Regents Physics/Algebra 2 or other advanced math	Choose one of the courses below or choose an elective: AP Biology AP Chemistry AP Physics ½ AP Physics C Ap Environmental Science College Forensics
AP Physics 2	AP Physics C or any other AP or an elective
Elective	Take more electives or you can take an AP level course if you meet requirements of 85 or above in all science and math courses
AP Biology/AP Chemistry/AP Environmental Science/College Forensics	Other AP classes or electives *Neuroscience - 85 or above in all science and math classes*

Note

Following Electives Are Also Available:

- Fauna and Flora
- Introduction to Forensic Science
- Science of Food
- Real-Life Science
- Astronomy
- Ethics and Controversy in Science
- Dinosaurs
- Marine Science

<u>Course</u>	<u>Math Prerequisite</u>	<u>Science Prerequisite</u>	<u>Math Corequisite</u>	<u>Grades Required in math and science classes</u>
Advanced Earth Science	Algebra 1	LE	Geometry	85 or above
Advanced Chemistry	Algebra 1; Geometry	LE	Algebra 2	90 or above
Regents Chemistry	Algebra 1	LE	Geometry	85 or above
Regents Earth Science	Algebra 1	LE		
Regents Physics	Algebra 1; Geometry	LE; Chemistry	Algebra 2	At least 85 in all
AP Physics 1	Algebra 1; Geometry	LE; Chemistry *Advanced ES can take this if they choose to go the physics route -and are strong math students*	Algebra 2 or Pre-Calc	85 or above in all
AP Physics 2	Algebra 1; Geometry; Algebra 2	AP Physics 1 or Regents Physics	Pre-Calc or advanced math	85 or above
AP Physics C	Algebra 1; Geometry; Algebra 2; Pre-calc; Calc	AP Physics 1 or Regents Physics	Advanced math courses - Calc.	85 or above
AP Biology	Algebra 1; Geometry; Algebra 2	LE; Chemistry; Either Physics or ES	Pre-Calc	85 or above
AP Chemistry	Algebra 1; Geometry; Algebra 2; Pre-Calc	LE; Chemistry; Physics	Calc or advanced	85 or above
AP Environmental Science	Algebra 1; Geometry; Algebra 2	LE; Chemistry; Physics/ES	Pre-Calc or advanced	85 or above
College Forensics	Algebra 1; Geometry; Algebra 2	LE; Chemistry (MUST HAVE THIS); Physics/ES		85 or above
Neuroscience	Algebra 1; Geometry; Algebra 2	LE; Chemistry; Physics/ES AP Biology (recommended)		85 or above