

GHS SCIENCE COURSE SELECTION GUIDE Winter 2018

IN CLASS COURSE DISCUSSIONS: Jan 9 - 24 (semester) //Jan 26 – Feb 9 (year long course)

		Possible Courses	Science Pre-Reqs	Math Pre-Reqs
		To Freshman		Practical Chemistry
ESL Chemistry	recommendation			C or better in Algebra I or B or better in Extended Algebra
Chemistry	Pass Biology			C or better in Algebra I or a grade of B or better in Extended Algebra
Honors Chemistry	B or better in Honors Biology or A in Biology			B or better in Algebra I & Geometry and concurrent enrollment in Algebra 2A
Honors Biochemistry	B or better in Honors Integrated Science or A in Integrated Science			
Biology 10	Pass Integrated Science			
To Sophomores and Juniors		* Honors Physics	B or better in an Honors Science course (A in Biology or Chemistry)	Completion or concurrent enrollment in Honors Algebra 2 or equivalent
		Practical Physics	recommendation	recommendation
		Physics	Junior or Senior	Completion or concurrent enrollment in Algebra 2A
		Chemistry 11	Integrated Science and Biology 10	C or better in Algebra I or a grade of B or better in Extended Algebra
		Forensics (S)	C or better in Biology and Chemistry or Integrated or B or better in Practical Bio and Practical Chem	
		Forensic Science II (S)	B or better in Forensics I	
		Marine Biology	C or better in Practical Biology and Practical Chemistry	
		Honors Marine Biology	B or better in Hon/Reg Biology and Hon/Reg Chemistry or Integrated Sci	
		Honors Marine Biotech	A or B in Biology and grade C or better in Chemistry or Integrated Sci	
		Animal Behavior (S)	Minimum grade of C in Hon Bio or B in Bio	
		Astronomy (S)	Successful completion of the biological and physical graduation requirement	Completion or concurrent enrollment in Geometry
		Honors Astronomy (S)	B or better in Physics or Honors Physics or A in Practical Physics.	
		Autumn Horticulture (S)	C or better in biology or B or better in Practical Biology	
		Spring Horticulture (S)	C or better in Biology / Integrated or B or better in Practical Biology. Students need not take the 1st semester course in order to take this 2nd semester course	
		Collaborative Science & Technology	Concurrent enrollment in regular Physics and a scheduled interview by March 1	Completion or concurrent enrollment in Algebra 2A



To Sophomores and Juniors

	Possible Courses	Science Pre-Reqs	Math Pre-Reqs
O t h E r e c S t c i v e n s c e	Honors Environmental Science	Prerequisite: Grade of B or better in Biology and Chemistry (or Honors Biochemistry)	
	Environmental Experiences	Successful completion of the biological and physical graduation requirement	
	Geology and Meteorology (S)	Successful completion of the biological and physical graduation requirement	
	Geographical Informational Systems (S)	C or better in two previous science courses	
	Honors Science Research	Recommendation of former and/or current science teachers, demonstrates interest in pursuing a research project in science, and recommendations of the Guidance Counselor and/or House Admi	
	Human Biology (S)	C or better in Biology, successful completion of physical science graduation requirement	
A P S c i e n c e s	AP Biology	B or better in Hon/Reg Biology and Hon/Reg Chemistry or Integrated Sci	
	AP Chemistry	B or better in Hon/Reg Chemistry or Honors Biochemistry	Completion or concurrent enrollment in HPC is strongly recommended
	AP Environmental Sciences	B or better in Hon/Reg Biology and Hon/Reg Chemistry or Integrated Sci	
	AP Physics 1	B or better in previous high school honors science courses (or A in non-honors science courses)	Completion or concurrent enrollment in Honors Precalculus or equivalent
	AP Physics 2	Grade of B or better in AP Physics 1 or Honors Physics.	Completion or concurrent enrollment in Honors Precalculus or equivalent
	AP Physics C	B or better in Hon/Reg Physics or 90 or better on Honors Physics final exam	B or better in Honors Precalculus and completion of or concurrent enrollment in AP Calculus or Intro Calculus
	(S) denotes a one semester course		
	* denotes a recommended course for all juniors and/or seniors		
	<i>Contact your guidance counselor or science teacher with any questions</i>		