



Taught by qualified GSSM or university faculty:

	9 FALL	9 SPRING	10 FALL	10 SPRING	11 FALL	11 SPRING	12 FALL	12 SPRING
MATH	Algebra II	Algebra II	Honors Pre-Calculus for Engineers		MATH 1060 Calculus of One Variable I		MATH 1080 Calculus of One Variable II	MATH 2060 Calculus of Several Variables
SCIENCE	Intro Biology w/ Lab ⁽¹⁾	Intro Biology w/ Lab ⁽¹⁾	Chemistry I*	Chemistry I*	CHEM 1010 w/ CHEM 1011 General Chem I	CHEM 1020 w/ CHEM 1021 General Chem II	PHYS 1220 w/ PHYS 1240 Physics w/ Calc I	PHYS 2210 w/ PHYS 2230 Physics w/ Calc II
ENGINEERING			Honors Pre-Engineering		ENGR 1520 Engineering Computer Skills	ENGR 1640 Engr MATLAB Prog	ENGR 1150 Engr Design & Modeling	Honors Senior Project
ENGLISH/ LANG ARTS	English I	English I	English II*	English II*	ENGL 1030 Accelerated Composition		Honors Literature of Problem-Solving	ENGL 2020 Major Forms of Literature

Courses in **BLUE** are Honors courses offered by GSSM.

Courses in **GREEN** are Dual Enrollment offered by Clemson.

Courses in Black are offered by and weighted by the local high school.

*To be taken at the home school during the sophomore year

⁽¹⁾ Introductory Biology is required by the state, and should be completed in 9th grade.

Applicants must successfully complete Algebra I prior to the beginning of 9th grade, and project successful completion of Algebra II (if available) by the end of 9th grade.

Prior to the beginning of 11th grade, students should complete:

- Biology I
- Chemistry I
- Geometry
- English II

Standard High School Graduation Requirements

Standard Credit Units (1 year = 1 credit)

Math	4
Science (incl biology)	3
Computer Science	1
English/Language Arts	4
Foreign Language	1
US History	1
Government/Economics	1
Other Social Studies	1
Phys Ed/ROTC	1
Electives	7
Total	24