



WHS STEM CURRICULUM – ADVANCED ACADEMICS: Math and Science

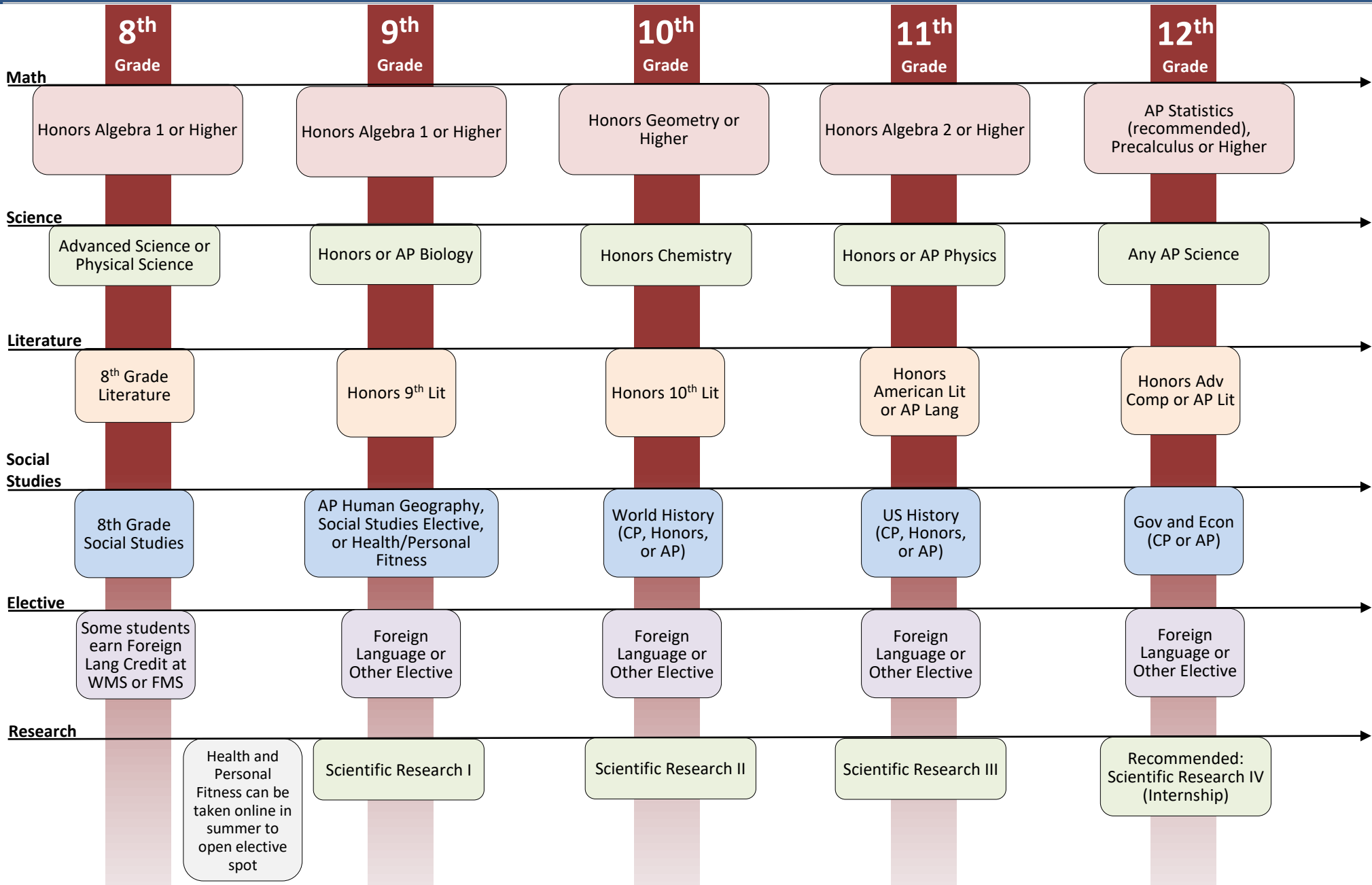


	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Honors Accelerated Algebra I/ Geometry	STEM Honors Accelerated Geometry/Algebra II	STEM Honors Accelerated Pre-Calculus	AP Calculus AB or AP Calculus AB/BC	GA Tech Distance Learning or Honors Multivariable Calculus or AP Statistics
Science	Physical Science	STEM AP Biology	STEM Honors Chemistry	AP Physics C: Mechanics (or other approved AP Physics course)	Any AP Science
Lit	8 th Grade Literature	Honors 9 th Lit	Honors 10 th Lit	Honors American Lit or AP Lang	Honors Adv Comp or AP Lit
Social Studies	8th Grade Social Studies	AP Human Geography, Social Studies Elective, or Other Elective	World History (CP, Honors, or AP)	US History (CP, Honors, or AP)	Gov and Econ (CP or AP)
Elective	Some students earn Foreign Lang Credit at WMS or FMS	Foreign Language or Other Elective	Foreign Language or Other Elective	Foreign Language or Other Elective	Foreign Language or Other Elective
Elective	Health/Personal Fitness can be taken online in summer to open elective spot	Health and Personal Fitness	Any Elective	Recommended: AP Seminar	Recommended: AP Research

Other Requirements: at least two years of sequential foreign language; active participation in at least one STEM competition group/club; STEM related internship or capstone project in 12th grade; Health and Personal Fitness must be completed prior to graduation – can be taken online in summer to open an elective spot.



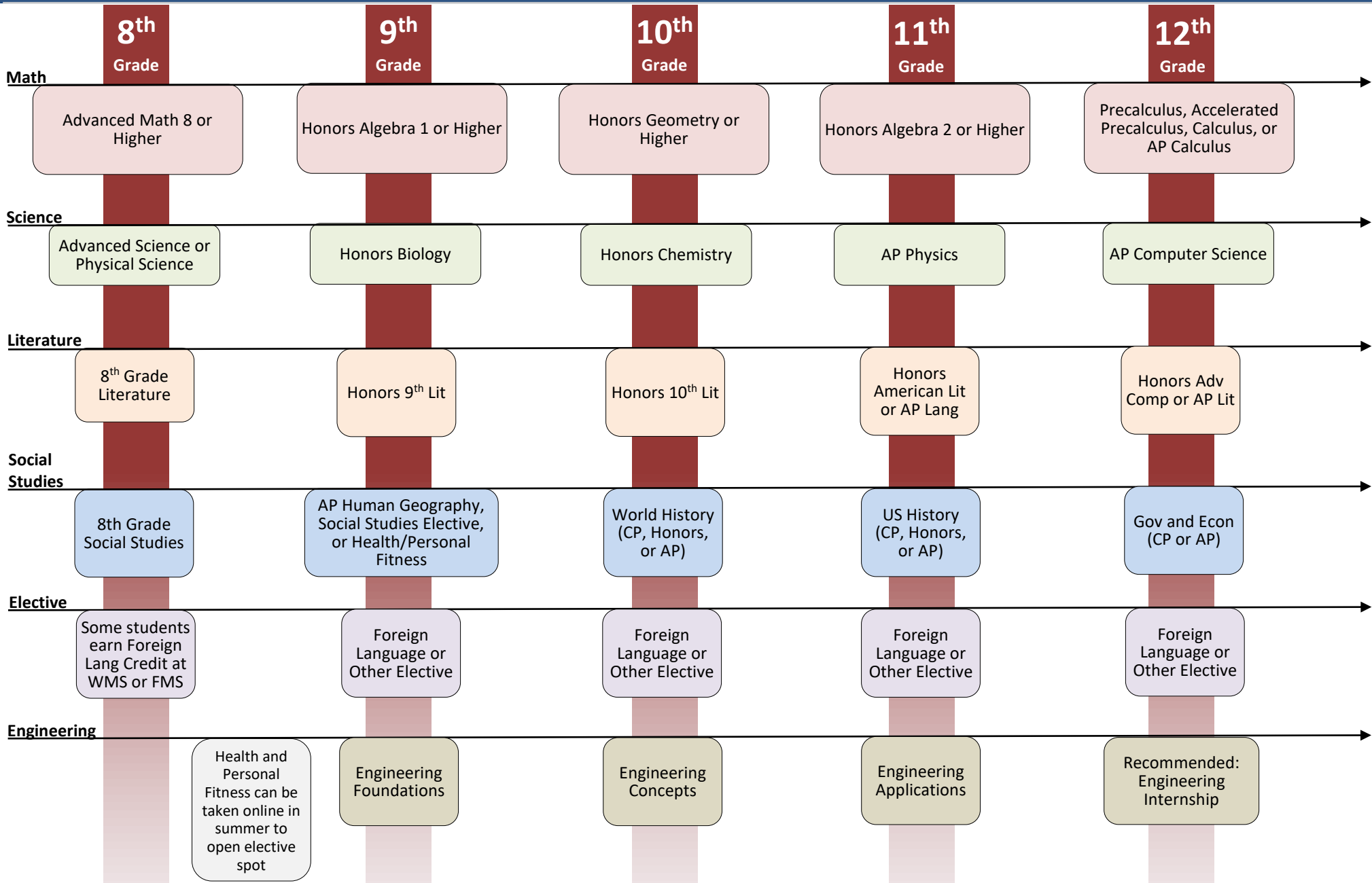
WHS STEM CURRICULUM – BIOTECHNOLOGY



Other Requirements: at least two years of sequential foreign language; active participation in at least one STEM competition group/club; STEM related internship or capstone project in 12th grade; Health and Personal Fitness must be completed prior to graduation. **AP Statistics is highly recommended (anytime after Algebra 2).**



WHS STEM CURRICULUM – ENGINEERING



Other Requirements: at least two years of sequential foreign language; active participation in at least one STEM competition group/club; STEM related internship or capstone project in 12th grade; Health and Personal Fitness must be completed prior to graduation