

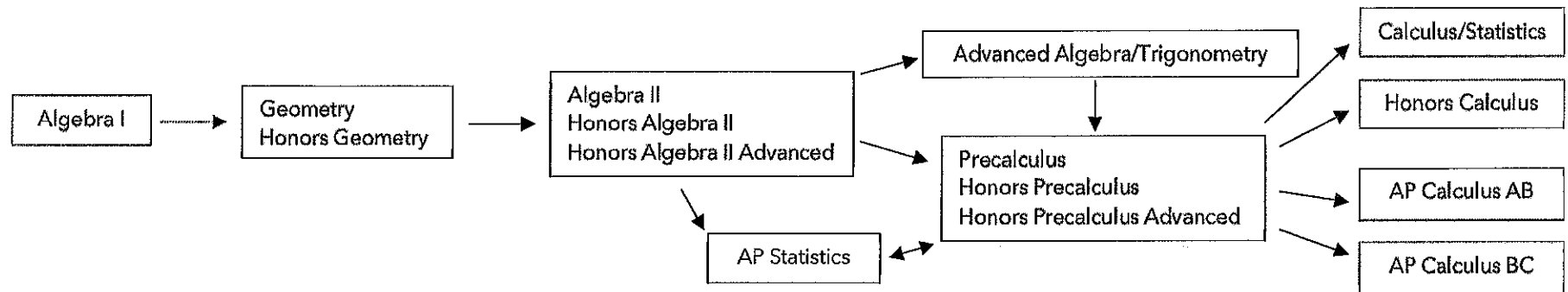
## 2023-2024 Upper School Curriculum Matrix

This matrix represents typical progression for an Upper School student at Brentwood Academy, though some variation will arise for individual students. Students must enroll in six courses, four of which from core academic areas (English, Math, Science, Social Sciences, World Languages). (H) indicates classes offered at the Honors level; AP indicates Advanced Placement classes; (audition) indicates courses filled by open audition.

Department	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b> 4 years required	Literature & Composition Honors Literature & Composition Journalism (elective)	American Literature & Composition Honors American Literature & Composition Journalism (elective)	British Literature & Composition Honors British Literature & Composition AP Literature & Composition Journalism (elective)	World Literature Honors World Literature AP Literature & Composition AP Language & Composition AP Research Journalism (elective)
<b>Mathematics</b> 4 years required, including two in algebra, one in geometry	Algebra I Geometry Honors Geometry Honors Algebra II Honors Algebra II Advanced	Geometry Honors Geometry Algebra II Honors Algebra II Honors Algebra II Advanced AP Statistics	Algebra II Honors Algebra II Advanced Algebra/Trigonometry Precalculus Honors Precalculus Honors Precalculus Advanced AP Statistics	Advanced Algebra/Trigonometry Precalculus Honors Precalculus Calculus/Statistics Honors Calculus AP Statistics AP Calculus AB AP Calculus BC
<b>Science</b> 3 years required, including biology, chemistry and another lab science	Biology Honors Biology	Chemistry Honors Chemistry AP Computer Science Principles	Anatomy/Physiology Honors Anatomy/Physiology Marine Biology Nutrition Science Physics AP Biology AP Chemistry AP Physics 1 AP Computer Science Principles AP Computer Science A	Anatomy/Physiology Honors Anatomy/Physiology Marine Biology Nutrition Science Physics AP Biology AP Chemistry AP Physics 1 AP Physics C AP Computer Science Principles AP Computer Science A
<b>Social Science</b> 3 years required, including one in U.S. History	Ancient History Honors Ancient History	World History Honors World History AP World History AP European History	U.S. History Honors U.S. History AP U.S. History	African American History Honors African American History Economics/Government Psychology AP Psychology AP U.S. Government & Politics AP European History AP Micro and Macroeconomics
<b>World Language</b> 2 years of the same language in US	French I    French II (H)    French III (H)    French IV (H)    French V (H)    AP French Language & Culture Latin I    Latin II (H)    Latin III (H)    AP Latin Spanish I    Spanish II (H)    Spanish III (H)    Spanish IV (H)    Spanish V (H)    AP Spanish Language & Culture			
<b>Christian Life</b>	Biblical Narrative I (required)	Practical Theology (elective)	Life and Teachings of Jesus (elective)	Christian Dynamics (required)
<b>Fine Arts</b> 1 year required	<b>Visual:</b> Introduction to Art (ALL); Intermediate Studio Art (10-12); Honors Art Portfolio Development (11,12); AP 2-D Art & Design (12) <b>Performing:</b> Academy Singers (audition); Chorus (ALL); Concert Band (ALL); Contemporary Music Ensemble (audition); Jazz Band (audition); Introduction to Speech (ALL); Advanced Speech (10-12) <b>Theater:</b> Theater Arts & Appreciation (11, 12); Set Design/Technology (11, 12)			
<b>Physical Education</b>	4 years required, one each year			

## Upper School Mathematics Course Sequence:

- Below is a flowchart of math course offerings. Ninth graders will enroll in the one of the first three boxes depending on their 8<sup>th</sup> grade math course.
- AP Statistics may be taken any time after completion of Algebra II.
- Honors path equips students for AP Calculus AB; Honors Advanced path equips students for AP Calculus BC.



## Upper School Science Course Guide:

- Three credits in science must be taken to satisfy the Brentwood Academy graduation requirement; these include Biology, Chemistry, and Physics or another lab science course.
- Students are encouraged to take four years of science in order to meet increasingly competitive admission requirements at some colleges.
- Registration for Honors Chemistry, AP Chemistry or AP Physics requires registration in honors math, as well as teacher recommendation and department chair approval.
- Nutrition Science is an elective course and does not count toward the science graduation requirement.

### Course:

Biology, H Biology  
 Chemistry  
 Honors Chemistry  
 Physics  
 AP Chemistry  
 AP Physics 1  
 AP Physics C  
 AP Computer Science A

### Prerequisite:

None  
 Biology  
 Honors Biology | Algebra II corequisite, honors math preferred  
 Algebra II  
 Honors Chemistry | honors math corequisite  
 Honors Algebra II  
 AP Physics 1 | AP Calculus BC corequisite  
 AP Computer Science Principles