



# BRENTWOOD ACADEMY

## 2023-2024 UPPER SCHOOL CURRICULUM MATRIX

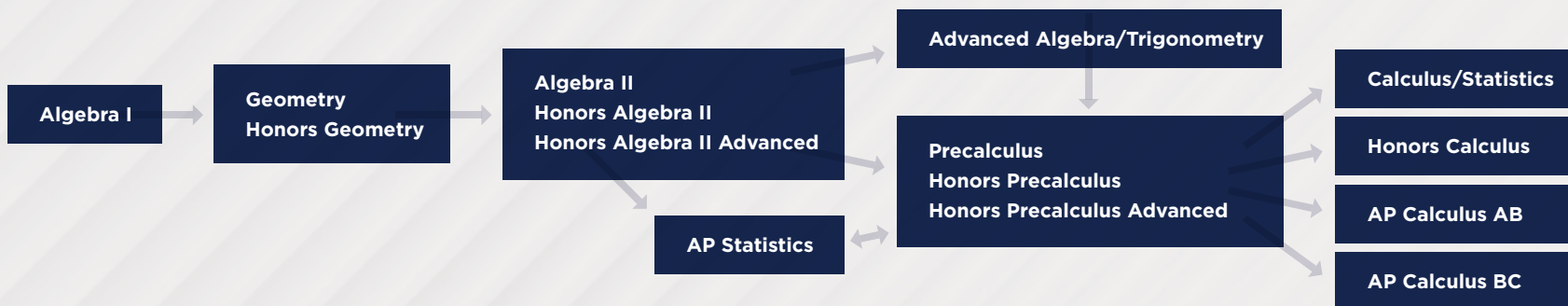
This matrix represents typical progression for an Upper School student at Brentwood Academy; some variation will arise for individual students. Students must enroll in six courses, four of which from core academic areas (English, Mathematics, Science, History & Social Sciences, World Languages). (H) indicates classes offered at the honors level; AP indicates Advanced Placement classes; (audition) indicates courses that require an 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 Algebra I, Geometry, and Algebra II	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 I AP Computer Science Principles AP Computer Science A	Anatomy/Physiology Honors Anatomy/Physiology Marine Biology Nutrition Science Physics AP Biology AP Chemistry AP Physics I AP Physics C AP Computer Science Principles AP Computer Science A
<b>HISTORY &amp; SOCIAL SCIENCES</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

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12	
<b>WORLD LANGUAGE</b> 2 years of the same language in US	French I Latin I Spanish I	French II (H) Latin II (H) Spanish II (H)	French III (H) Latin III (H) Spanish III (H)	French IV (H) AP Latin Spanish IV (H)	French V (H) Spanish V (H) AP French Language & Culture 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 8th 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 another lab science course.
- Students are encouraged to take four years of science in order to meet increasingly competitive admission requirements at several colleges.
- Registration for Honors Chemistry, AP Chemistry, and AP Physics requires registration in honors math, as well as a teacher recommendation.
- Nutrition Science is an elective course and does not count toward the science graduation requirement.

COURSE:	PREREQUISITE:
Biology, H Biology	None
Chemistry	Biology
Honors Chemistry	Honors Biology   Algebra II corequisite, honors math preferred
Physics	Algebra II
AP Chemistry	Honors Chemistry   honors math corequisite
AP Physics I	Honors Algebra II
AP Physics C	AP Physics I   AP Calculus BC corequisite
AP Computer Science A	AP Computer Science Principles

\*All offerings are subject to change