

# UPPER SCHOOL COURSES OF STUDY / ACADEMIC PROGRAMS & REQUIREMENTS

Classes at Greenhills are offered on an eight-day, rotating block schedule. For a full list of courses and explanation of their content, please consult our online course guide at [greenhillsschool.org/courseguide](http://greenhillsschool.org/courseguide).

- Required course options are indicated with \*
- Individual student placements are based on a combination of achievement, interest, course availability, and scheduling capacity and do not always conform to the generalized offerings displayed below.

**CREDITS  
REQUIRED**

	9th Grade	10th Grade	11th Grade	12th Grade	
<b>English</b>	Global Perspectives in History and Literature*  Journalism (9-12)	English II: British Literature*  English II Honors: British Literature*  Creative Writing (10-12)  Perspectives in Humanities (10-12)	English III: American Literature*  AP English III: American Literature*	English IV: Senior Seminars*	<b>4</b>
<b>History &amp; Social Sciences</b>	Global Perspectives in History and Literature*	US History*  AP US History*	US Government and Politics*  Advanced US Government and Politics*	History and Social Science Seminars*  Advanced Research	<b>3</b>
<b>Mathematics &amp; Computer science</b>	Algebra I*  Geometry*  Geometry Honors	Algebra II*  Algebra II Honors  Foundations of Computer Science (9-12)  AP Computer Science Principles (10-12)	Pre-Calculus  Pre-Calculus Honors  Functions  AP Calculus AB  AP Calculus BC	AP Statistics  Financial Applications  AP Computer Science  Multivariate Calculus  Advanced Research	<b>3</b>
<b>Science</b>	Introductory Biology*  Applied Engineering Design (9-12)	Chemistry*  Chemistry Accelerated*  Conceptual Physics*  Earth, the Solar System, and the Universe (ESSU)  Natural History of Living Things	Physics*  Physics Accelerated*  Anatomy & Physiology  Ecology and Global Sustainability	Advanced Biology  Advanced Chemistry  Advanced Calculus-Based Physics  Advanced Research	<b>3</b>
<b>Modern &amp; Classical Languages</b>	Chinese, French, Latin, Spanish I*  Chinese, French, Latin, Spanish II  Classical Epic  Classical Drama	Chinese, French, Latin, Spanish III	AP French  AP Latin IV/V  AP Spanish  Chinese IV  French IV Culture  Latin IV/V  Spanish IV	AP Chinese V  French V Advanced Literature  French V Culture  Spanish V	<b>2</b>
<b>Fine &amp; Performing Arts</b>	Acting I  Acting II  Tech Theater  Play Production	Intro to Art  Ceramics  Drawing & Printing  Painting	2-D and 3-D Design  Art Photography  Art Photography Advanced	Jazz One  Jazz Lab (10-12)  Studio Jazz (10-12)  Chorus/Chamber Singers  Orchestra/Chamber Orchestra	<b>1</b>
<b>Wellness</b>	Wellness*	Lifetime Fitness	Yoga		<b>1</b>
<b>Service Learning</b>	Greenhills students will complete at least one service learning experience every school year in the Upper School. Service projects must include a participation minimum of three times or ten hours. Students will submit both a proposal and a reflection for each project.				

## COURSE SEQUENCE CHART FOR MATH

8th Grade	9th Grade	10th Grade	11th Grade Semester 1	11th Grade Semester 2	12th Grade Semester 1	12th Grade Semester 2
Geometry M	Algebra II Algebra II H		<i>The courses listed below are available after Algebra II</i>			
Algebra M8 Algebra Mb	Geometry Geometry H	Algebra II Algebra II H	Pre-Calc (YL) Pre-Calc H (YL) Functions Calc A AP Calc B	Pre-Calc (YL) Pre-Calc H (YL) Calc A AP Calc B AP Calc C	Calc A AP Calc B Multivariable Calc I	AP Calc B AP Calc C Multivariable Calc II
	Algebra I	Geometry Geometry H	Algebra II (YL) Algebra II H (YL)		Pre-Calc (YL) Pre-Calc H (YL)	
			AP Statistics (YL) AP Computer Science A (YL) Financial Applications			
		AP Computer Science Principles (YL)				
	FCS: Foundations of Computer Science					

YL indicates a year-long class. All 8th, 9th, and 10th grade math courses are year-long, with the exception of FCS.

## SEMINAR TITLES

### English IV

- African American Literature
- Acting Shakespeare
- Ethics and/in Literature: Good and Evil, Right and Wrong and the Human Soul
- From Sonnets to Slam: Poetry's Place in a Changing World
- Playwriting
- Race & Gender in Contemporary Life and Literature
- Shakespeare on Love
- Space Oddities: Science Fiction and the Future
- Text Position, or Reading Theoretically
- What Is Hip?

### History & Social Science

- American Military History: 1900 to Present
- History of Art
- Humans and the Environment: Past, Present, & Future
- Microeconomics
- Macroeconomics
- Psychology: Human Mind & Behavior
- Sociology: Difference, Power, and Discrimination
- The U.S. Constitution: Past, Present, & Future