

DHS Electives by Grade Level

**For Class of 2023 and beyond:
H = Humanities S=STEM F= Fine/Practical Arts**

H	S	F		9	10	11	12	# Sems	Pre-requisite
ART									
X		X	Art Foundations	X	X	X	X	1	
X		X	Art Honors			X	X	1	Drawing & Painting 3 Honors OR Ceramics 2 OR Photo 2 & dept approval
X		X	Art Print Making		X	X	X	1	Drawing & Painting 1 OR permission from Teacher
X		X	AP Studio Art			X	X	2	Drawing and Painting 3 Honors OR Ceramics 2
X		X	AP Art and Design: 2D (Digital Photo/Photography track)			X	X	2	Graphic Design 2 AND Digital Photo 2 OR Digital Photo 2 AND Photo 2
X		X	Ceramics 1	X	X	X	X	2	
X		X	Ceramics 2		X	X	X	2	Ceramics 1
X		X	Ceramics 3			X	X	1	Ceramics 2 & permission from Teacher
X		X	Clay Sculpture	X	X	X	X	1	
X	X	X	Digital Photography	X	X	X	X	1	
X	X	X	Digital Photography 2	X	X	X	X	1	Digital Photography
X		X	Drawing	X	X	X	X	1	
X		X	Drawing & Painting 1	X	X	X	X	1 or 2	Art Foundations
X		X	Drawing & Painting 2		X	X	X	1	Drawing and Painting 1
X		X	Drawing & Painting 3 Honors		X	X	X	1	Drawing and Painting 2 OR permission from Teacher
X	X	X	Graphic Design 1	X	X	X	X	1	
X	X	X	Graphic Design 2	X	X	X	X	1	Graphic Design 1
X		X	Historical Art Making	X	X	X	X	1	
X		X	Mural Painting			X	X	1	Drawing & Painting 3 Honors OR permission from Teacher
X		X	Photography 1		X	X	X	1	Students must provide 35mm camera
X		X	Photography 2		X	X	X	1 or 2	Photo 1 AND students provide 35mm camera
X		X	Sculpture	X	X	X	X	1	
Business Education									
X	X		Investing & Personal Finance	X	X	X	X	1	
X			Pre-Law	X	X	X	X	1	
X	X		Business & Entrepreneurship	X	X	X	X	1	
X	X	X	Marketing Essentials	X	X	X	X	1	
Computer Science									
	X	X	AP Computer Science		X	X	X	2	Computer Science w/ B+ or higher and permission from Teacher
	X	X	AP Computer Science Principles		X	X	X	2	B- or better in Algebra 1 and dept. approval
	X	X	Computer Animation	X	X	X	X	1	
	X	X	Computer Applications	X	X	X	X	1	
	X	X	Computer Science	X	X	X	X	1	
	X	X	Advanced Programming			X	X	2	AP Computer Science w/ B+ and permission from Teacher
	X	X	Web Design 1	X	X	X	X	1	
	X	X	Web Design 2	X	X	X	X	1	Web Design 1 with C or higer
English									
X			Advanced Comp & Tutor Training			X	X	1	Recomendation from teacher, application, and department approval
X			AP Language & Comp 11/American Literature			X		2	English 10 Honors w/ B- or higher and permission of teacher or equal score on placement
X			AP Language & Comp 12/Postmodern Voices				X	2	Am. Lit with B+ or higher OR AP Lang & Comp w/ B- or higher
X			AP Literature & Comp				X	2	Ap Lang & Comp w B- or higher OR Am Lit w/ B+ or higher
X			Behind the Dragon: East Asian Literature			X	X	1	American Literature OR may be taken concurrently by juniors
X			Beyond the NY School: Contemporary Poetry			X	X	1	American Literature OR may be taken concurrently by juniors
X			Creative Writing 1			X	X	1	English 10 and permission from Teacher
X			Creative Writing Advanced			X	X	1	Creative Writing 1, or comparable previous work and permission from Teacher
X			Critical Approaches to Film			X	X	1	
X			Dangerous Creatures: Women and Fiction			X	X	1	American Literature OR may be taken concurrently by juniors
X		X	Drama 1	X	X	X	X	1	
X		X	Drama 2	X	X	X	X	1	Drama 1 OR permission from Teacher
X			From Knights to Knaves: British Literature			X	X	1	American Literature OR may be taken concurrently by juniors
X			Knowing Nothing: Literature and Philosophy			X	X	1	American Literature OR may be taken concurrently by juniors
X			A Moveable Feast: The Literature of Food and Travel			X	X	1	American Literature. May be taken concurrently by juniors
X			Mystery and Mayhem: The Literature of Suspense			X	X	1	American Literature OR may be taken concurrently by juniors
X			Page and Stage: Literature in Performance			X	X	1	American Literature OR may be taken concurrently by juniors
X			The Lettered Athlete: Sports and Literature			X	X	1	American Literature OR may be taken concurrently by juniors

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X			Writers Workshop		X	X	X	1	
X			Writing with Purpose		X	X	X	1	
History & The Social Sciences									
X			America since 1945			X	X	1	
X	X		AP Economics			X	X	2	Algebra 2
X			AP European History			X	X	2	Department approval
X			AP Human Geography				X	2	
X			AP Government & Politics				X	1	American History, or AP American History, and department approval
X	X		AP Macroeconomics			X	X	1	AP Economics (may be taken concurrently)
X			Contemporary Issues			X	X	1	
X	X		Economics		X	X	X	1	
X			Humanities		X	X	X	1	
X			Philosophy			X	X	1	
X			Psychology			X	X	1	
Mathematics									
X			AP Calculus BC				X	2	Precalc Honors with an A- plus teacher & department approval
X			AP Calculus AB				X	2	
X			AP Statistics			X	X	2	Precalculus Honors with a B or higher; Precalculus with an A- or higher OR Precalculus with a B+ or higher with teacher and department approval
X			College Math Topics			X	X	2	Algebra 2 or Geometry
X			Multivariable Calculus				X	2	AP Calc BC plus teacher and department approval
X			Principles of Calculus			X	X	2	Precalc Honors with a grade of C or higher each semester OR Precalculus with a B- or higher each semester, permission of teacher, and dept. approval
X			Probability & Statistics			X	X	2	300 Alg 2 with C or higher and department approval
Media Studies									
X	X		Introduction to Media Studies	X	X	X	X	1	
X	X		Media Studies: Digital Journalism	X	X	X	X	1	Introduction to Media Studies
X	X		Media Studies: Video Production	X	X	X	X	1	Introduction to Media Studies OR permission from teacher
Music									
X	X		AP Music Theory			X	X	2	Music Theory OR permission from Teacher
X	X		Concert Band	X	X	X	X	2	Recommendation from 8th grade Teacher, or audition and prior music experience
X	X		Chamber Choir Honors		X	X	X	2	audition and department approval
X	X		Concert Choir	X	X	X	X	2	none
X	X	X	Music Technology 1	X	X	X	X	1	none
X	X	X	Music Technology 2	X	X	X	X	1	Music Technology 1
X	X		Music Theory	X	X	X	X	1	none
X	X		Orchestra	X	X	X	X	2	Recommendation from 8th grade Teacher and prior music experience
X	X		Chamber Orchestra Honors		X	X	X	2	audition and department approval
X	X		Wind Ensemble Honors		X	X	X	2	audition and department approval
X	X		Percussion Ensemble	X	X	X	X	2	Recommendation from 8th grade Teacher and prior music experience
Reading & Study Skills									
X			Reading & Study Skills	X	X	X	X	1 or 2	
Science									
X			AP Biology			X	X	2	300 Bio with B+ OR 400 Bio Honors with B & 300 Chem with B+ or 400 Chem with B
X			AP Chemistry			X	X	2	300 Chem with B and approval OR 400 Chem Honors with B-
X			AP Environmental Science			X	X	2	Bio with B or Bio Honors iwth B- & Chem with B or Chem Honors with B-
X			AP Physics C Mechanics			X	X	2	400 Science with B OR 300 Science with A- and permission & enrolled in AP Calc
X			AP Physics C Electricity & Mag				X	2	AP Phy C Mech & AP Calc BC OR Ap Calc AB with permission (both)
X			App. of Physics & Chem 1			X	X	1	Biology and Earth Science
X			App. of Pyshics & Chem 2			X	X	1	Biology and Earth Science
X			Authentic Science Research		X	X	X	6	Bio and writing sample/application - 3 credits
X			Botany			X	X	1	
X			Chemistry		X	X	X	2	
X			Chemistry Honors		X	X	X	2	
X			Earth Science		X	X	X	2	Bio
X			Science of Forensic Investigation			X	X	1	Bio
X			Marine Science			X	X	1	Bio with C+ OR permission from department
X			Modern Physics			X	X	1	Physics, or Physics Honors, or AP Physics

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X			Neuroscience & Biopsychology			X	X	1	Bio and Chem. Psychology suggested
X			Physics			X	X	2	
X			Physics Honors			X	X	2	
Special Programs									
			IDEA Program	X				2	8th grade IDEA and committee approval - .5 credits for year
			Independent Study		X	X	X	1 or 2	application/plan/approval
X			US China Exchange		X	X	X	2	application/recommendation/interview
Technology & Engineering									
X	X		App. of Physics & Chem 1			X	X	1	Biology and Earth Science
X	X		App. of Pysihcs & Chem 2			X	X	1	Biology and Earth Science
X	X		Architecture 1	X	X	X	X	1	
X	X		Architecture 2	X	X	X	X	1	Architecture 1
X	X		DIY (Do It Yourself)	X	X	X	X	1	
X	X		Drafting	X	X	X	X	1	
X	X		Electronics	X	X	X	X	1	
X	X		Ind Projects in Engineering			X	X	4	
X	X		Principles of Engineering	X	X	X	X	1	Fundamentals of Engineering
X	X		Fundamentals of Engineering	X	X	X	X	1	
X	X		Woodworking 1	X	X	X	X	1	
X	X		Woodworking 2	X	X	X	X	1	WoodWorking 1. Students can take this course multiple times
World Language									
X			AP French			X	X	2	Fr 4H with B or Fr 4 with A- and permission (both)
X			AP Spanish			X	X	2	Sp 4H with B or Sp 4 with A- and permission (both)
X			French 1	X	X	X	X	2	8th grade Fr OR placement test
X			French 2	X	X	X	X	2	Fr 1 with C or higher
X			French 2 Accelerated	X	X	X	X	2	Fr 1 with A and permission
X			French 3		X	X	X	2	Fr 2 with C or better
X			French 3 Honors		X			2	Fr 2A with B OR Fr 2 with A- and permission (both)
X			French 4			X	X	2	Fr 3 with C or better
X			French 4 Honors			X	X	2	Fr 3H with B and permission OR Fr 3 with A-and permission
X			French 5			X	X	2	Fr 4 with C or dept approval
X			Latin 1	X	X	X	X	2	none
X			Latin 2		X	X	X	2	Latin 1 with C or higher
X			Latin 3			X	X	2	Latin 2 with C or higher
X			Latin 4				X	2	Latin 3 with C or higher
X			Mandarin Chinese 1	X	X	X	X	2	none
X			Mandarin Chinese 2		X	X	X	2	MC 1 and permission
X			Mandarin Chinese 3		X	X	X	2	MC 2 and permission
X			Mandarin Chinese 3 Honors		X	X	X	2	MC 2 with A- and permission
X			Mandarin Chinese 4		X	X	X	2	MC 3 and permission
X			Mandarin Chinese 4 Honors		X	X	X	2	MC 3H with B or higher OR MC 3 with A- and permission
X			Spanish 1	X	X	X	X	2	8th grade Sp OR placement and permission
X			Spanish 2	X	X	X	X	2	Sp 1 with C or higher
X			Spanish 2 Accelerated	X	X	X	X	2	Sp 1 with A and permission
X			Spanish 3		X	X	X	2	Sp 2 with C or higher
X			Spanish 3 Honors		X			2	Sp 2A with B or higher OR Sp 2 with A- and permission
X			Spanish 4			X	X	2	Sp 3 with C or higher
X			Spanish 4 Honors			X	X	2	Sp 3H with B or higher OR Sp 3 with A- and permission
X			Spanish 5			X	X	2	Sp 4 with C or higher OR department approval
X			Spanish 1B/2A	X	X	X	X	2	with teacher recommendation
X			Spanish 2B/3A		X	X	X	2	with teacher recommendation
X			Spanish 3B/4A		X	X	X	2	with teacher recommendation

All core English, History, World Language = Humanities
 All core Science, Math, Tech Ed = STEM