

SMAH - The Mathematics Major (Honors)

3/C		2/C		1/C							
SP211 General Physics I	3-2-4	NE203 Ethics and Moral Reasoning	3-0-3	NL310 Organizational Behavior	3-0-3	NS300 Maritime Warfare	2-0-2	EW300 Naval Weapon Systems	3-0-3	NS43x Junior Officer Practicum	1-2-2
SM221 Multivariable Calculus	4-0-4	SP212 General Physics II	3-2-4	EE301 Electrical Fundamentals and Applications	3-2-4	EC310 Applications of Cyber Engineering	2-2-3	EW370 Autonomy and Control	0-2-1	NL400 Law for the Naval Leader	2-0-2
HH2xy History – Premodern	3-0-3	NN220 Navigation and Piloting	1-3-2			HH216 History – Modern	3-0-3	EM300 Principles of Propulsion	3-2-4	EA/N4xy Engineering “Aero/Boats/Dirt”	3-2-4
		SM222 Differential Equations	4-0-4	SM331H Honors Real Analysis I	4-0-4	SM332H Honors Real Analysis II	4-0-4	HM SS1 Humanities & Social Sciences Elective	3-0-3	HM SS2 Humanities & Social Sciences Elective	3-0-3
SM261 Linear Algebra I	3-0-3	SM361 Linear Algebra II	4-0-4	SM342 Discrete Mathematics	3-0-3	SM362 Modern Algebra	3-0-3	TRK EL Track Elective	3-0-3	BR EL Breadth Elective	3-0-3
SM291 Fundamentals of Mathematics	3-0-3	SM233 Intro to Computational Math	2-2-3	BR EL Breadth Elective	3-0-3	SM239 Intro to Probability and Statistics	3-0-3	BR EL Breadth Elective	3-0-3	PROJ 3-0-3	3-0-3
17		20		17		18		17		17	

Foundations of Mathematics

Core Pillars of Mathematics

Modeling, Applications & Computations

Breadth Electives

Track Concentration

Individual Research Project