

SMA - The Operations Research Major

3/C		2/C		1/C	
NN220 1-3-2 Navigation and Piloting	NE203 3-0-3 Ethics and Moral Reasoning	NL310 3-0-3 Organizational Behavior	NS300 2-0-2 Maritime Warfare	EW300 3-0-3 Naval Weapons	NS43x 1-2-2 JO Practicum
SP211 3-2-4 General Physics I	SP212 3-2-4 General Physics II	EC310 2-2-3 Applications of Cyber Engineering	EE301 3-2-4 Electrical Engineering	EW370 0-2-1 Autonomy and Control	NL400 2-0-2 Law for the Naval Leader
HH2xy 3-0-3 History - Premodern World	HH216 3-0-3 History - Modern		HM SS1 3-0-3 Humanities & Social Sciences Elective	HM SS2 3-0-3 Humanities & Social Sciences Elective	EA/N4xy 3-2-4 Engineering "Aero/Boats/Dirt"
SM223 4-0-4 Calculus III with Optimization	SA305 3-0-3 Linear Optimization	SA405 3-0-3 Advanced Math Programming	MATH EL 3-0-3 Math Elective	EM300 3-2-4 Principles of Propulsion	FR EL 3-0-3 Free Elective
SM239 3-0-3 Intro to Probability & Statistics	SM339 3-0-3 Applied Statistics I	SA402 3-0-3 Dynamic & Stochastic Models	SA410 3-0-3 Search & Detection Theory	SA421 3-0-3 Simulation Modeling	SA475 3-0-3 Capstone
SM261 3-0-3 Linear Algebra I	SA233 2-2-3 Intro to OR with Programming	BR EL1 3-0-3 Breadth Elective	BR EL2 3-0-3 Breadth Elective	TRK EL1 3-0-3 Track Elective	TRK EL2 3-0-3 Track Elective
19	19	15	18	17	17

Foundations math, computer programming	Optimization	Analytics	Breadth Electives e.g., economics, computer science	Applications of OR & advanced topics	Capstone real-world projects, research
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