

General

As a Naval ROTC Scholarship or College Program student you are required to complete the NROTC academic program which consists of three parts: Baccalaureate Degree, Navy Specified Courses, and Naval Science Courses.

1. The university's baccalaureate degree program with a selected academic major. As a future Naval Officer, you are encouraged to pursue certain degrees.

Navy Option Scholarship Midshipmen. Scholarship students are encouraged to pursue majors in engineering, mathematics, or the physical sciences, although Navy Option Scholarship midshipmen may elect to pursue any academic major.

Navy Option College Program Midshipmen. College Program students may pursue any academic major noting the advantage of majoring in engineering or science when competing for a scholarship.

Marine Corps Option Midshipmen. Students may pursue any academic major, however, the MOI will guide students to select a field of study beneficial to a career as a Marine Corps officer.

2. Navy specified courses offered by the university. These are courses that are required by the Navy in preparation for life as a Navy Officer. These courses are taught by university Professors and typically are in-line with your degree path. See table listed Navy Specified Courses below.

3. Naval Science courses. These courses are part of your professional training and should be taken one per semester while attending school. These courses outline the information essential to being an outstanding Ensign in the Navy. See table below for further information and the course descriptions at the bottom of the page.

NAVY SPECIFIED COURSES

Title	Course	Note
Calculus I (required)	MATH 125	1, 4
Calculus II (required)	MATH 126	1, 4
Physics I (required)	PHYS 151	1, 4
Physics II (required)	PHYS 152	1, 4
English I (required)	COMP 140	1, 2
English II (required)	COMP 340	1, 2
Physical Science I (any 1 required)	PHYS 100Lg, 125Lg CHEM 102Lg, 105aLG	2

	ASTR 200Lg GEOL 107Lg, 130Lg	
Physical Science II (any 1 required)	PHYS 102L CHEM 105aLg, 105bL ASTR 200Lg GEOL 107Lg, 130Lg	2
College Algebra I (required)	MATH 108	2
College Algebra II (required)	MATH 116	2
Computer Science I (any 1 required)	CSCI 101L ITP 101x ME 150L AE 150	1, 2, 4
American Military Affairs/ National Security Policy (any 1 required)	HIST 235g, 344, 352, 363, 365, 465, 484, 487 IR 100xg, 210, 343, 381, 383, 405 GEOG 120g POSC 345	1, 2, 3, 4

NAVAL SCIENCE COURSES

Title	Course	Note
Introduction to Naval Science	NSC 135	1, 2, 3
Sea Power and Maritime Affairs	NSC 137	1, 2, 3
Leadership and Management	NSC 453 PPMT 485 BUAD 304 NURS 405/415L	1, 2, 3 6 6 5, 6
Naval Ships Systems I - Engineering	NSC 283	1, 2, 4
Navigation I	NSC 335	1, 2, 4
Navigation II	NSC 251	1, 2, 4
Naval Ships Systems II - Weapons	NSC 337	1, 2, 4
Evolution of Warfare	NSC 343	3
Amphibious Warfare	NSC 392	3
Leadership and Ethics	NSC 454	1, 2, 3

Notes:

1. NAVY SCHOLARSHIP STUDENTS	4. NOT REQUIRED FOR NURSE PROGRAM STUDENTS
2. NAVY COLLEGE PROGRAM STUDENTS	5. NURSE PROGRAM STUDENTS ONLY
3. MARINE SCHOLARSHIP STUDENTS ONLY	6. REQUIRES APPROVAL BY PNS

NAVAL SCIENCE COURSE DESCRIPTION

135 Introduction to Naval Science: Introduction to the structure, principles, and practices, lines of command and control, and functions of the various components of the naval service. Lecture, 2 hours; laboratory, 2 hours.

137 Seapower and Maritime Affairs: Analysis of U.S. Navy development and campaigns; evolution of strategic, tactical, and maritime doctrines; interaction of naval affairs with national security and domestic policies. Lecture, 3 hours; laboratory, 2 hours. (Duplicates credit in former NSC 282.)

251 Seamanship and Ship Operations: Vector solutions of relative motion, tactical problems; tactical communications, instructions; fleet communications, organizations; rules of the Nautical

Road; aviation and maritime meteorology; operation plans and orders. Lecture, 3 hours; laboratory, 1 hour. (Duplicates credit in former NSC 336.)

283 Naval Ships Systems I (Engineering): Types, structure, and purpose of Naval ships, compartmentation, propulsion systems, auxiliary power systems, interior communications, ship control; ship design and stability. Lecture, 3 hours; laboratory, 2 hours. (Duplicates credit in former NSC 136.)

335 Navigation: Purposes, methods, and instruments of navigation; terrestrial and celestial navigation and nautical astronomy; time diagrams; lines of position by observation of celestial bodies. Lecture, 3 hours; laboratory, 2 hours.

337 Naval Ships Systems II (Weapons): Systems approach to naval weapons; linear analysis of ballistics; weapons control systems configurations and dynamics. Field trips. Lecture, 3 hours; laboratory, 2 hours. (Duplicates credit in former NSC 250.)

343 Evolution of Warfare: Causes and practice of warfare from ancient times; impact of changes in strategy, tactics, and technology; modern revolutionary warfare, global conflict, and politico-military relationships. Lecture, 3 hours; laboratory, 2 hours.

392 Amphibious Warfare: Concepts of seaborne military operations; relationship of factors involved; characteristic operations of World War II; amphibious operation planning. Lecture, 3 hours; laboratory, 2 hours.

453 Leadership and Management I: Principles of human relationships; principles of decision-making and management at the junior officer level; theory and techniques of leadership. Lecture, 2 hours; laboratory, 2 hours.

454 Leadership and Management II: Introduction to primary duties of junior naval officers; counseling and interviewing techniques; review of basic administrative responsibilities at the division officer level. Lecture, 2 hours; laboratory, 2 hours.

NROTC PROGRAM REQUIREMENTS CHECKLIST

MIDSHIPMAN _____

APPROVED MAJOR: _____

SCHOLARSHIP/COLLEGE PROGRAM

OPTION: NAVY/MARINE

NAVAL SCIENCE COURSES

ALL OPTIONS DATE COMPLETED	NAVY OPTION DATE COMPLETED	MARINE OPTION DATE COMPLETED
____ INTRODUCTION TO NAVAL SCIENCE	____ NAVIGATION I ⁺ ____ NAVIGATION II ⁺	____ EVOLUTION OF WARFARE ____ AMPHIBIOUS OPERATIONS
____ LDR & MGT I ⁺	____ SHIPS SYSTEMS I ⁺	
____ LDR & MGT II	____ SHIPS SYSTEMS II ⁺	
____ SEA POWER AND MARITIME AFFAIRS		

⁺NOTE: NOT REQUIRED FOR NURSE CORPS CANDIDATES

⁺NOTE: CAN BE WAIVED BY PNS FOR NURSING AND MARINE OPTIONS/UNIVERSITY SUBSTITUTE IS AUTHORIZED

ACADEMIC COURSES

DATE COMPLETED	COURSE	YR	GRD	NOTE	DATE COMPLETED	COURSE	YR	GRD	NOTE
_____	CALC I	SO	___	1,4	_____	PHY SCI I	SR	___	2
_____	CALC II	SO	___	1,4	_____	PHY SCI II	SR	___	2
_____	CALC III	SO	___	1,4	_____	PHY SCI III	SR	___	2
_____	PHYS I	JR	___	1,4	_____	COL ALG I	JR	___	2
_____	PHYS II	JR	___	1,4	_____	COL ALG II	JR	___	2
_____	PHYS III	JR	___	1,4	_____	COL ALG III	JR	___	2
_____	ENG I	SO	___	1,2	_____	COMP SCI I	SR	___	1,2,4
_____	ENG II	SO	___	1,2	_____	AM MIL/ NAT SEC I	SR	___	1,2,3,4
_____	ENG III	SO	___	1,2					

NOTE 1: NAVY SCHOLARSHIP

NOTE 3: MARINE SCHOLARSHIP

NOTE 2: NAVY COLLEGE PROGRAM

NOTE 4: NOT REQUIRED FOR NURSE CORPS CANDIDATES

ROMAN NUMERAL III PERTAINS TO QUARTER SYSTEM ONLY

MILITARY SCIENCE TRAINING

SCHOLARSHIP

COLLEGE PROGRAM

CRUISES: ___ 3/C ___ 2/C ___ 1/C

___ 1/C

SAILING: (NAVY OPTION)

(NAVY OPTION)

___ MATE "A"

___ MATE "A"

___ SKIPPER "B" (JR)

___ SKIPPER "B" (JR)

SWIMMING: ___ 3/C (SOPH)

___ 3/C (SOPH)

PRECOMMISSIONING PHYSICAL COMPLETED _____ ASTB _____

SERVICE SELECTION _____ NAC/BI COMPLETED _____

NUCLEAR POWER APPLICATION (NAVY OPTION) _____ UP/DOWN SCREEN _____

DATE FOUR YEAR PLAN COMPLETED _____

DATE GRADUATION CHECK FILED _____