

NROTC Academic Requirements

Information below is compiled from the Regulations of Officer Development (ROD), which is the governing document for Midshipmen. This document is for your awareness and Midshipmen should review and uphold program standards dictated by the ROD.

Calculus - Two Semesters By End of Sophomore Year (Navy Option Only): The calculus sequence shall include material through differential and integral calculus of one real variable. Higher level math like CALC III, Differential Equations, or Dynamics taken at the university count toward the calculus requirement when students place out of courses like CALC I and II.

Physics - Two Semesters By End of Junior Year (Navy Option Only): The physics sequence shall be calculus-based and, at a minimum, cover the traditional topics of mechanics, electricity, and magnetism. All other classical physics topics should be covered as appropriate to meet the time requirement. Students shall include appropriate laboratory classes in completing the physics requirement.

Accepted College Credits (Calculus/Physics): Students who have taken calculus or calculus-based physics for college credit prior to entering the NROTC Program, which their college has validated, must complete one additional three semester-hour (or equivalent) college course in each of those areas to satisfy this requirement, unless these courses were taken at an NROTC affiliated school. This course shall be the second (or higher) in the sequence. Courses covered by this exception may include courses taken at other universities while in high school, AP examination credit, or university placement credit.

American History/National Security Policy Courses*: These courses shall focus on U.S. military history, world military history, U.S. National Security policy, or combinations of these topics. The Professor of Naval Science shall approve these courses.

World Culture and Regional Studies Courses*: These courses must have a cultural emphasis on regions of interest to the Navy. This academic requirement is designed to expand our future officer corps' awareness, knowledge, and sensitivity to world cultures and peoples. Foreign language courses that do not provide instruction on culture are insufficient to meet this requirement. The Professor of Naval Science shall approve courses to meet this requirement. Note: Participation in Project Go during summer may substitute for this requirement. Project Go would be noted on the Degree Completion Plan and initialed by advisor and MIDN to avoid later concern with this academic requirement.

***Approved List of Courses can be found at: <https://nrotc.nd.edu/current-midn/documents/>**

English Courses: These courses, which total six semester-hours or equivalent, must concentrate on the areas of grammar and composition and require significant student writings.

Academic Requirements to Maintain Scholarship

Minimum GPA: 2.5

Minimum Credit Hours: 12 credit hours (not including Naval Science courses)

Midshipmen need permission from the Professor of Naval Science to:

- Take less than 12 credit hours
- Dropping any course (withdrawal to prevent a poor grade is not considered adequate justification)
- Any change in major (Tier 1 or Tier 2 change to a Tier 3 requires NSTC approval)

NROTC Required Course

TABLE 3-1: SPECIFIED COURSES

Complete By End of		Sem Hrs	Scholarship		College Program Advanced Standing		Nurse	STA-21 ²	SSMP
			Navy	USMC	Navy	USMC			
3/C	Calculus	6	●	+	+	+		●	
	English	6	●	●	●	●	●	●	●*
2/C	Physics (calculus based)	6	●	+	+	+		●	
	College Algebra or higher	6			●				●*
1/C	American History or National Security Policy	3	●	●	●	●		2	
	World Culture and Regional Studies ³	3	●	+	●	+	●	2	
	Physical Science	6			●				

●: Required

+: Advised to make student competitive for USN scholarship

*: Only required for SSMP enrolled at a State Maritime Academy

² [STA-21 Program Authorizations](#) take precedence over these requirements

³ Project Go may substitute for this requirement but must be documented in the DCP

TABLE 3-2: NROTC COURSE REQUIREMENTS

Typical Timing		Scholarship or Advanced Standing					STA- 21	SSMP
		Navy	USMC	Nurse	MECEP			
4/C	Introduction to Naval Science	●	●	●			NSI	●
	Sea Power and Maritime Affairs	●	●	●			NSI	
3/C	Leadership and Management	●	●	●			●	
	Navigation	●					NSI	
2/C	Strategic Sealift Officer Course							●
	Naval Ship Systems I (Engineering)	●					NSI	
	Naval Ship Systems II (Weapons)	●					NSI	
	Evolution of Warfare		●		● ¹			
1/C	Naval Operations and Seamanship	●					NSI	
	Fundamentals of Maneuver Warfare		●		● ¹			
	Leadership and Ethics	●	●	●	●	●	●	●
All terms	Naval Science Laboratory	●	●	●	●	●	●	●

●: Required

NSI: Course requirement met by completion of NSI

¹ PNS may waive course under conditions in 3-5 4.d. (2)

Typical NSCI Course Offerings

Course ID	Course Title	Days	Meeting Times	Semester	Typical Timing	Required Students
NSCI 41000	Drill/Leadership Laboratory	W	05:00 PM - 07:00 PM	Fall	Each Semester	Each Semester
NSCI 10101	Introduction to Naval Science	TTh	11:00 AM - 11:50 AM	Fall	Freshmen	Both Navy/Marine
NSCI 10101	Introduction to Naval Science	TTh	02:00 PM - 02:50 PM	Fall	Freshmen	Both Navy/Marine
NSCI 10102	Sea Power and Maritime Affairs	TTh	11:00 AM - 11:50 AM	Spring	Freshmen	Both Navy/Marine
NSCI 10102	Sea Power and Maritime Affairs	TTh	02:00 PM - 02:50 PM	Spring	Freshmen	Both Navy/Marine
NSCI 20201	Leadership and Management	TTh	11:00 AM - 12:15 PM	Fall	Sophomores	Both Navy/Marine
NSCI 20201	Leadership and Management	TTh	02:00 PM - 03:15 PM	Fall	Sophomores	Both Navy/Marine
NSCI 20202	Navigation	TTh	09:30 AM - 10:45 AM	Spring	Sophomores	Navy Only
NSCI 20202	Navigation	TTh	12:30 AM - 01:45 PM	Spring	Sophomores	Navy Only
NSCI 30301	Naval Ships Systems I	TTh	02:00 PM - 03:15 PM	Fall	Juniors	Navy Only
NSCI 30301	Naval Ships Systems I	TTh	09:30 AM - 10:45 AM	Fall	Juniors	Navy Only
NSCI 30302	Naval Ships Systems II	TTh	12:30 AM - 01:45 PM	Spring	Juniors	Navy Only
NSCI 30302	Naval Ships Systems II	TTh	02:00 PM - 03:15 PM	Spring	Juniors	Navy Only
NSCI 40415	Evolution of Warfare	TTh	03:30 pm - 04:45 PM	Spring	Juniors	Marine Only
NSCI 30301	Naval Operations and Seamanship	TTh	11:00 AM - 12:15 PM	Fall	Seniors	Navy Only
NSCI 30301	Naval Operations and Seamanship	TTh	02:00 PM - 03:15 PM	Fall	Seniors	Navy Only
NSCI 40413	Fundamentals of Maneuver Warfare	TTh	03:30 PM - 04:45 PM	Fall	Seniors	Marine Only
NSCI 40402	Leadership and Ethics	TTh	03:30 PM - 04:45 PM	Spring	Seniors	Both Navy/Marine
NSCI 40402	Leadership and Ethics	TTh	11:00 AM - 12:15 PM	Spring	Seniors	Both Navy/Marine

Degree Completion Plan Instructions

The purpose of the Degree Completion Plan (DCP) is to ensure Midshipmen are meeting their college, degree, and NROTC requirements within a four-year timeline.

The DCP will be reviewed each semester by the midshipman, their Academic Advisor, and validated by their NROTC Class Advisor.

- Midshipman will initial by “Mbr” for each semester filled out.
- The academic advisor’s initials by “Adv” indicates that the student has planned to meet all of their university requirements and their major requirements.

For general or major electives, you may put “Elective” and the anticipated number of credit hours.

Any changes or deviations from the DCP require a new DCP to be generated, signed, and validated. Anything that might delay graduation/commissioning could be a cause for scholarship removal and repayment.

Common area of concern is a sensible distribution of credit hours. Typically, a minimum of 15 a semester (actual minimum is 12 credit hours, not including Naval Science Courses).

Navy options must have their Calculus requirements done by the end of their sophomore year and Physics requirements by end of their junior year.

Please see the attached example for how to fill out your initial Degree Completion Plan.

MIDN(___ /C) _____

YG: _____

Date: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: <i>JS</i>		DCP Validated Date: _____ Adv: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____		DCP Validated Date: _____ Adv: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____		DCP Validated Date: _____ Adv: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
By end of Sophomore Year: All MIDN - 6 hours of English Navy Options - 6 hours of Calculus		
Mbr: _____		DCP Validated Date: _____ Adv: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____		DCP Validated Date: _____ Adv: _____

Term _____

Year _____

Course No.	Short Title	Credit Hrs
Total Hours:		
By end of Junior Year: Navy Options - 6 hours of Physics		
Mbr: _____		DCP Validated Date: _____ Adv: _____

MIDN (/C) _____ YG: _____ Date: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____ DCP Validated Date: _____		Adv: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
By end of Senior Year, ALL MIDN take: American History or National Security Policy World Culture and Regional Studies		Total Hours: _____
Mbr: _____ DCP Validated Date: _____		Adv: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____ DCP Validated Date: _____		Adv: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____ DCP Validated Date: _____		Adv: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____ DCP Validated Date: _____		Adv: _____

Term	Year	
Course No.	Short Title	Credit Hrs
Total Hours:		
Mbr: _____ DCP Validated Date: _____		Adv: _____