

NAVAL SCIENCE MINOR









The minor in naval science equips graduates with hands-on experience from all facets of the Navy and Marine Corps team. Together, alongside NROTC midshipmen, students will understand the core principles of each service, master nautical skills in navigation, weapons, and engineering, and build leadership and followership skills. The minor in naval science is open to all UNC–Chapel Hill undergraduate students.

Requirements

In addition to the program requirements listed below, students must:





- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.



For more information, please consult the degree requirements section of the catalog (<https://catalog.unc.edu/undergraduate/degree-requirements/>).

Code	Title	Hours
Core Requirements		
The minor includes 14 hours of coursework selected from among the following courses:		14
NAVS 101	Introduction to Naval Science	
NAVS 201	 Naval Leadership and Management	
NAVS 202	Navigation	
NAVS 202L	Navigation Laboratory	
NAVS 301	 Naval Ships Engineering Systems	
NAVS 302	 Naval Weapons Systems	
NAVS 311	 Evolution of Warfare	
NAVS 401	 Naval Operations	
NAVS 402	 Naval Leadership and Ethics	
NAVS 411	 Amphibious Warfare	
HIST/PWAD 212	History of Sea Power	
PHIL/POLI/PWAD 272	 The Ethics of Peace, War, and Defense	
Total Hours		14


Scholarship Requirements

Navy and Marine National Scholarship students must complete the following requirements:






Code	Title	Hours
Two English courses from the following options:		6
ENGL 100	Basic Writing	
ENGL 105	 English Composition and Rhetoric	
ENGL 123	 Introduction to Fiction ^H	
ENGL 124	 Contemporary Literature	
ENGL 125	 Introduction to Poetry	

ENGL 127	 Writing about Literature
ENGL 130	 Introduction to Fiction Writing
ENGL 131	 Introduction to Poetry Writing
ENGL 138	 Introduction to Creative Nonfiction
ENGL 149	 Digital Composition
ENGL 213	Grammar of Current English
ENGL 230	 Milton ^H
ENGL 283	 Life Writing ^H
ENGL 301	 Professional Writing in the Arts
ENGL 305	 Advanced Legal Communication
ENGL 402	Investigations in Academic Writing and Writing Centers

One course in American history or national security policy from the following options: 3

ASIA 570	The Vietnam War
COMM 355	Terrorism and Political Violence
HIST 128	 American History since 1865
HIST 140	 The World since 1945
HIST 242	 United States-Latin American Relations
HIST/PWAD 248	Guerrillas and Counterinsurgencies in Latin America
HIST/PWAD 266	 Global History of Warfare
HIST 458	Europe and the World Wars, 1914-1945
POLI 272	 The Ethics of Peace, War, and Defense
PWAD 213	Air Power and Modern Warfare
PWAD 250	 Introduction to Peace and Security Studies
PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy
PWAD 352	The History of Intelligence Operations
PWAD 368	War and American Society to 1903
PWAD 369	War and American Society
PWAD 373	The United States in World War II
PWAD 443	American Foreign Policy: Formulation and Conduct
PWAD 444	 Terrorism and International Peace
PWAD 457	International Conflict Processes
PWAD 486	National Security Decision Making

One course in world culture and regional studies from the following options: 3

AAAD 101	 Introduction to Africa
AAAD 301	Contemporary China-Africa Relations
AAAD 414	Senegalese Society and Culture
ANTH 226	The Peoples of Africa
ANTH 280	 Anthropology of War and Peace
ARAB 150	 Introduction to Arab Cultures
ASIA 131	Southeast Asia to the Early 19th Century
ASIA 133	 Introduction to Chinese History
ASIA 134	Modern East Asia
ASIA 135	 History of the Indian Subcontinent to 1750

ASIA 136	History of India, Pakistan, and Bangladesh: South Asia since 1750
ASIA 138	History of Muslim Societies to 1500
ASIA 139	 History of Muslim Societies since 1500
ASIA 150	 Asia: An Introduction
ASIA 152	 Survey of South Asian Cultural History
ASIA 180	 Introduction to Islamic Civilization
ASIA 181	 Modern Muslim Societies
ASIA 265	Eastern Asia
ASIA 267	 South Asia
ASIA 277	 The Conflict over Israel/Palestine
ASIA 282	 China in the World
ASIA 287	Modern Japan
ASIA 288	Japan in the 20th Century
ASIA 375	Memory, Massacres, and Monuments in Southeast Asia
ASIA 429	 Culture and Power in Southeast Asia
ASIA 536	Revolution in the Modern Middle East
CHIN 150	 Introduction to Chinese Civilization
GEOG 448	Transnational Geographies of Muslim Societies
HIST 130	 Modern African History
HIST 133	 Introduction to Chinese History
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750
HIST 138	History of Muslim Societies to 1500
HIST 139	 History of Muslim Societies since 1500
HIST 162	 Russia under the Last Tsars and Soviet Commissars
HIST 203	 Empires and Cultures in the Modern World
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era ^H
HIST 276	 The Modern Middle East
JAPN 231	 Ancient and Medieval Japanese History and Culture
JAPN 246	 Early Modern Japanese History and Culture
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945
KOR 150	 History, Memory, and Reality in Contemporary Korea
KOR 151	 Education and Social Changes in Contemporary Korea
POLI 130	 Introduction to Comparative Politics ^{H, F}
POLI 237	 The Politics of China
POLI 452	 Africa and International Conflict
RELI 180	 Introduction to Islamic Civilization
RELI 181	 Modern Muslim Societies
SOCI 419	 Sociology of the Islamic World

Six hours of physics-based calculus and six hours of physics at or above MATH 231 and PHYS 118 **12**

Total Hours **24**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.







Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Whether you are a Navy Scholarship, Marine Corps Scholarship, College Programmer, or are pursuing a naval science minor, there is a plan for your success. Below are sample plans of study for students. All elective courses outside of the Department of Naval Science are ROTC scholarship requirements and do not count toward a naval science minor.

Navy Scholarship Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4
Spring Semester		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6
Sophomore Year		
Fall Semester		
NAVS 301	 Naval Ships Engineering Systems	3
NAVS 500	Naval Science Laboratory	0
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
American History or National Security Policy elective		3
Hours		10
Spring Semester		
NAVS 201	 Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4

World Culture and Regional Studies elective	3
Hours	10
Junior Year	
Fall Semester	
NAVS 202 Navigation	3
NAVS 202L Navigation Laboratory	1
NAVS 500 Naval Science Laboratory	0
PHYS 118  Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
Hours	8
Spring Semester	
NAVS 302  Naval Weapons Systems	3
NAVS 500 Naval Science Laboratory	0
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Hours	7
Senior Year	
Fall Semester	
NAVS 402  Naval Leadership and Ethics	3
NAVS 500 Naval Science Laboratory	0
AERO 393  Air and Space Expeditionary Training <small>Counts as University Experiential Learning Credit</small>	1
Hours	4
Spring Semester	
NAVS 401  Naval Operations	4
NAVS 500 Naval Science Laboratory	0
Hours	4
Total Hours	53





^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

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Marine Corps Scholarship Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4
Spring Semester		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6

Sophomore Year

Fall Semester		
NAVS 500	Naval Science Laboratory	0
American History or National Security Policy elective		3
Hours		3
Spring Semester		
NAVS 201  Naval Leadership and Management		3
NAVS 500	Naval Science Laboratory	0
Hours		3
Junior Year		
Fall Semester		
NAVS 500	Naval Science Laboratory	0
Hours		0
Spring Semester		
NAVS 500	Naval Science Laboratory	0
NAVS 311  Evolution of Warfare		3
Hours		3
Senior Year		
Fall Semester		
NAVS 402  Naval Leadership and Ethics		3
NAVS 500	Naval Science Laboratory	0
Hours		3
Spring Semester		
NAVS 500	Naval Science Laboratory	0
NAVS 411  Amphibious Warfare		3
Hours		3
Total Hours		25

Contact Information

Department of Naval Science

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Chair

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