

DEPARTMENT OF NAVAL SCIENCE

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www.uidaho.edu/navyrotc

The Navy-Marine Corps Officer Education Program is administered and taught by the Naval Science Department Staff on the University of Idaho, Moscow campus. The Program's objective is to provide instruction and training to students in preparation for being commissioned as officers in the United States Navy or Marine Corps through the Naval Reserve Officers Training Corps (NROTC). Students are designated as midshipmen and receive extensive academic, physical, and leadership training while pursuing a degree. The Program is open to men and women and offers scholarships leading to active duty commissions. Normally, students enter the program at the beginning of their freshman year; however, selected students may enter up to the beginning of their sophomore year and in very limited cases the beginning of their junior year. Students take up to 25 hours of professional development courses taught by the NROTC Unit and must participate in the Naval Science Laboratory (NS 103) each semester. All Naval Science courses and the lab are conducted at the University of Idaho. Students attending Washington State University are able to participate in the Program and can register for these courses via the UI/WSU Cooperative Courses program. In addition to the required Naval Science courses, all NROTC students must complete additional academic requirements as stipulated in their contract. For Navy Option students, Service Assignment is completed during their senior year and students may be assigned to duty on nuclear submarines, surface ships, naval aviation or special warfare. Service assignment for Marine Option students occurs following completion of The Basic School after graduation.

Scholarship Program

NROTC scholarship students' benefits include tuition, fees, a book allowance, and a monthly stipend. Room and board are not covered by the scholarship.

Application for this Program is normally made during the spring of the junior year or early fall of the student's senior year of high school. Initial selections for these National Four-Year Scholarships are completed by a Naval Service Training Command-sponsored board and are based on college entrance examination scores (SAT or ACT) and high school academic performance.

A student on scholarship will complete three summer training cruises of four to six weeks duration. During the first cruise, students are introduced to the submarine, amphibious warfare (Marine Week), surface warfare, and aviation communities. For Navy option students, the second and third cruises can be aboard nuclear submarines, surface ships, or with aviation units of the Pacific or Atlantic fleets and may include overseas travel. Marine Option students conduct their second summer training session at Mountain Warfare Training School in Bishop, CA and attend Officer Candidate School in Quantico, VA for their final summer training evolution. During summer training events, the students receive one-half of the pay of an Ensign/Second Lieutenant, plus room and board.

Graduates of this program are commissioned as officers in the Navy or Marine Corps.

College Program

College Program students receive uniforms and Naval Science textbooks at no cost but receive no other financial benefits.

Application for this program is normally made during the spring of the student's senior year of high school and in limited cases the end of their freshman year of college. Applications can be obtained from the Unit's website and should be sent directly to the Naval Science Department Head of the University of Idaho. Selections are based on college entrance examination scores (SAT or ACT) and high school/university academic performance. Students can apply to either the Navy or Marine option programs.

College Program students may be nominated by the Professor of Naval Science for a three-year scholarship during their freshman year or a two-year scholarship or Advanced Standing during their sophomore year if their grades and military aptitude marks are sufficient to warrant such nomination. Students who are not selected for a scholarship or Ad-

vanced Standing by the end of their sophomore year are not allowed to continue in the Program. Students who are selected for a scholarship or Advanced Standing will conduct, at a minimum, one summer training evolution following their junior year. It is an afloat cruise (Navy Option) or attendance at Officer Candidate School (Marine Option) of the same type and with the same pay as described for the Scholarship Program. Graduates of this program are commissioned as officers in the Navy or Marine Corps.

Naval Science Institute

In limited cases, university students not involved with the NROTC Program may apply for a National Two-Year Scholarship during their sophomore year of college. Those selected will be required to attend the Naval Science Institute (NSI) in Newport, RI during the summer between their sophomore and junior years. At NSI they will study the material taken by the four-year candidates during their freshman and sophomore years. On completion of NSI, candidates return to the university and complete their junior and senior years of the naval science curriculum with their peers. Candidates in the two-year program will participate in one summer training session between their junior and senior years. Students in this program receive the same financial benefits as juniors and seniors enrolled in the four-year scholarship program. Interested students should contact the NROTC Unit early in their sophomore year to obtain information on application submission and deadlines.

Field Trips

Field trips to Navy and Marine Corps facilities are arranged periodically in order to allow the Navy-Marine Corps Officer Education Program members the opportunity to learn more about the naval service.

Courses

See the course description section for courses in Naval Science (NS).

Naval Science Academic Minor Requirements

Naval Science Minor

NS 102	Ships Systems I (3 cr)
NS 201	Ships Systems II (3 cr)
NS 202	Seapower and Maritime Affairs (2 cr)

Students must complete a minimum of four courses from the lists below to equal 12 credits:

Two from the following:

NS 301	Navigation (3 cr)
NS 302	Naval Operations (3 cr)
NS 311	Evolution of Warfare (3 cr)
NS 401	Naval Leadership and Management (3 cr)
NS 402	Naval Leadership and Ethics (3 cr)
NS 412	Amphibious Operations (3 cr)

One from the following:

Hist 180	Introduction to East Asian History (3 cr)
Hist 331	The Age of African Empires (3 cr)
Hist 438	Modern Mexico and the Americas (3 cr)
Hist 440	Social Revolution in Latin America (3 cr)
Hist 457	History of the Middle East (3 cr)
Hist 484	Modern China, 1840s to Present (3 cr)
Hist 485	Chinese Social and Cultural History (3 cr)
IS 325	The Contemporary Muslim World (3 cr)
IS 326	Africa Today (3 cr)
IS 370	African Community, Culture, and Music (1-3 cr)
PoS 420	Introduction to Asian Politics (3 cr)

One from the following:

Aero 411	National Security Affairs/Preparation for Active Duty (3 cr)
Aero 412	National Security Affairs/Preparation for Active Duty (3 cr)
Hist 412	Revolutionary North America and Early National Period, 1763-1828 (3 cr)
Hist 415	Civil War and Reconstruction, 1828-1877 (3 cr)

Hist 430 U.S. Diplomatic History (3 cr)
Hist 458 Military History (3 cr)
Hist 481 America's Wars in Asia (3 cr)
MS 227 American Military History (3 cr)
PoS 338 American Foreign Policy (3 cr)
PoS 449 World Politics and War (3 cr)

Courses to total 21 credits for this minor

NAVAL SCIENCE COURSES

CAPT. W. Scott Ryder, USN, Head, Dept. of Naval Science (101 Navy Bldg. 83844-1122; phone 208/885-6333; www.navy.uidaho.edu/).

NS 101 Introduction to Naval Science (2 cr)

Introduction to the Naval Service: custom and traditions, structure, career paths, basic leadership, ethics and character development, duties of a junior officer, and ships/aircraft of the U.S. Navy Fleet. Cooperative: open to WSU degree-seeking students. (Fall only).

NS 102 Ships Systems I (3 cr)

Intro to Naval shipboard engineering systems; propulsion systems; nuclear, gas turbine, and conventional; auxiliary systems and shipboard damage control; basic concepts in ship design. Cooperative: open to WSU degree-seeking students. (Fall only)

NS 103 Introduction to Naval Science Laboratory (1 cr)

Practical instruction for introduction to Naval Science. Graded P/F. Cooperative: open to WSU degree-seeking students.

NS 201 Ships Systems II (3 cr)

Naval weapons systems; theory and process of detection (radar and sonar), evaluation; weapons; delivery, guidance, and explosives; integration of weapons systems with command, control, and communications systems. Cooperative: open to WSU degree-seeking students. (Spring only)

NS 202 Seapower and Maritime Affairs (3 cr)

An overview of U.S. naval history; seapower and maritime affairs beginning with the Continental Navy to present-day naval history. Cooperative: open to WSU degree-seeking students. (Spring only)

NS 299 (s) Directed Study (cr arr)

Cooperative: open to WSU degree-seeking students.

NS 301 Navigation (3 cr)

Theory, principles, and procedures of terrestrial and electronic navigation, and "rules of the nautical road." Cooperative: open to WSU degree-seeking students. (Spring only)

NS 302 Naval Operations (3 cr)

Naval operations and tactics, relative motion, and Maneuvering Boards. Cooperative: open to WSU degree-seeking students. (Fall only)

Prereq: NS 301

NS 311 Evolution of Warfare (3 cr)

Evolution of war through tactics; strategy from Sun Tzu to J.F.C. Fuller. Recommended preparation: NS 101, 202. Cooperative: open to WSU degree-seeking students. (Spring only)

NS 401 Naval Leadership and Management (3 cr)

Theories of management and management resources, motivational theories, and leadership. Cooperative: open to WSU degree-seeking students. (Fall only)

NS 402 Naval Leadership and Ethics (3 cr)

An intellectual exploration of Western moral traditions and ethical philosophy within a military context. Topics will include military leadership, core values, professional ethics, and conduct of warfare with applications appropriate for future Navy and Marine Corps officers. Recommended preparation: NS 401. Cooperative: open to WSU degree-seeking students. (Spring only)

NS 412 Amphibious Operations (3 cr)

Amphibious doctrine from Gallipoli to the Mayaguez. Recommended preparation: NS 311. Cooperative: open to WSU degree-seeking students. (Fall only)

NS 499 (s) Directed Study (cr arr)

Cooperative: open to WSU degree-seeking students.

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