NAVAL SCIENCE (NS)

Courses

NS 100  Leadership Laboratory  credit: 0 Hours. (https://courses.illinois.edu/schedule/terms/NS/100)
Noncredit course designed to give the Naval ROTC student, through practical application, a better grasp of the naval science subjects taught in the classroom and a working knowledge of close order drill. Approved for S/U grading only. May be repeated.

NS 101  Introduction to Naval Science  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NS/101)
Naval organization and management practices examined within the context of the naval service, command and control, organization for logistics, service and support, functions and services of major components of the Navy and Marine Corps, and shipboard organization with emphasis on management and leadership functions. Prerequisite: Consent of instructor.

NS 102  Sea Power and Maritime Affairs  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NS/102)
Investigates the characteristics of sea power and their impact on the affairs of our nation; discusses those characteristics with historical and modern applications to the United States and other world powers.

NS 120  Intro to US Armed Forces  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/120)
Same as AFAS 120 and MILS 120. See MILS 120.
This course satisfies the General Education Criteria for:
Humanities - Hist Phil

NS 204  Navigation/Naval Operations I  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/204)
Provides the student with an understanding of the theory and techniques of the three types of marine (nautical) navigation: piloting, electronic, and celestial. Prerequisite: Consent of instructor.

NS 303  Leadership and Management  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/303)
Introduction to principles and problems of Naval management and leadership with emphasis upon their relation to the future Naval officer.

NS 305  Intro to Naval Engineering  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/305)
Studies ship compartmentation, propulsion systems, auxiliary power systems, interior communications, and ship control; types, structure, and purpose of naval ships; and examines elements of ship design and ship stability. Prerequisite: Consent of instructor.

NS 306  Naval Weapons Systems  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/306)
Introduction to concepts of naval weapons systems, their capabilities and limitations, and their individual and complementary roles in a wide variety of offensive and defensive situations. Prerequisite: Consent of instructor.

NS 307  Navigation/Naval Operations II  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/307)
Designed to give an understanding of the concepts and use of relative motion principles, international maritime law and the rules of the nautical road, and the fundamentals of U. S. fleet organization, communication, and operations. Prerequisite: NS 204 or consent of instructor.

NS 308  Leadership and Ethics  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NS/308)
Provides the student with an understanding of how personal value systems and external ethical requirements affect their leadership styles. Examines Navy organization, personnel administration procedures, human resource management programs, and military justice in terms of current management theory. Prerequisite: NS 303 for NROTC students only; No prerequisite for non-NROTC students.

NS 321  Evolution of Warfare  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/321)
Survey of the evolution of warfare emphasizing the philosophies and trends which have been significant in land warfare.

NS 323  Maneuver Warfare Fundamentals  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/323)
This course prepares future military officers and other leaders for service by studying modern tactical principles, current military developments, and other aspects of warfare and their interactions with and influences on maneuver warfare doctrine. There is a specific focus on the United States Marine Corps as the premier maneuver warfighting organization. Study also includes historical influences on tactical, operational, and strategic levels of maneuver warfare practices in the current and future operating environments. Prerequisite: Advanced undergraduate standing or consent of instructor.