NAVAL SCIENCE (NS)

NS 101 Introduction to Naval Science
2 credits
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 credits
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 credit
Practical instruction for introduction to Naval Science. Graded P/F. Cooperative: open to WSU degree-seeking students. (Fall only)

NS 200 (s) Seminar
Credit arranged.

NS 201 Ships Systems II
3 credits
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 credits
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
Credit arranged
Cooperative: open to WSU degree-seeking students.

NS 301 Navigation
3 credits
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 credits
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 credits
Evolution of war through tactics; strategy from Sun Tzu to J.F.C. Fuller. Recommended preparation: NS 101, NS 202. Cooperative: open to WSU degree-seeking students. (Spring only).

NS 401 Naval Leadership and Management
3 credits
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 credits
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 Fundamentals of Maneuver Warfare
3 credits
Amphibious doctrine and its relation to maneuver warfare. Recommended preparation: NS 311. Cooperative: open to WSU degree-seeking students. (Spring only)

NS 499 (s) Directed Study
Credit arranged
Cooperative: open to WSU degree-seeking students.