by the studio instructor. See Music Department Handbook for details. Students may enroll for zero credit if they are enrolled in 18 or more credit hours. (*fall and spring semesters)

446 Senior Recital/Showcase (0, 1)
Corequisite: Applied Music study in the primary instrument/voice used for the recital. A studio/performance course with required preview. All repertoire must be approved and coached by the studio instructor. See Music Department Handbook for details. Students may enroll for zero credit if they are enrolled in 18 or more credit hours. (*fall and spring semesters)

450 Advanced Project in Music Theory (2)
Guided readings, research and writings, culminating in a paper. May require a composition, at the instructor’s discretion. Also includes some supervised teaching of basic musicianship studies. (*as needed)

499 Senior Project in Music (3)
Variable topics. Instructor and chair approval.

Naval Science (NAV)

Naval ROTC courses are open only to students enrolled in the Naval Reserve Officers’ Training Corps program offered under the cross-town agreement with the University of South Florida.

1110 Introduction to Naval Science (3)
Emphasis on the mission, organization, regulations and components of the Navy and Marine Corps.

1110L Naval Science Laboratory (0)
A weekly three-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

1140 Seapower and Maritime Affairs (3)
This course deals with the importance of seapower in historical events, including emphasis on worldwide political-military confrontations following the Cold War.

2121 Naval Ships Systems I (3)
Types, structures and purpose of naval ships. Hydrodynamic forces, stability compartmentalization, electrical, and auxiliary systems. Theory of design and operation of steam turbine, gas turbine, and nuclear propulsion plants. Shipboard safety and firefighting.

2212C Navigation/ Naval Operations I: Navigation (3)
Piloting and celestial navigation theory, principles, and procedures; tides, currents, weather, use of navigation instruments and equipment, and practicum. Laboratory required.

2221 Evolution of Warfare (3)
A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and organizations.

2231 Principles of Naval Management I (3)
Theory and principles of management, focusing on the officer-manager as an organizational decision maker. Includes interpersonal skills, behavior factors, and group dynamics.

2931 Directed Study in Naval ROTC (1-3)
Prerequisite: Permission of professor of naval science. Intensive individualized study in particular aspects of naval science that are not covered in regular course offerings. Enrollment is recommended for NROTC students who are anticipating attending the Naval Science Institute in Newport, RI, during sophomore/junior summer. Course content and title may vary from term to term.
3123 Naval Ships Systems II (3) US NVY
Prerequisite: NAV 2121. Capabilities and limitations of fire control systems, and weapons types. Physical aspects of radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Explosives, fusing, and Naval ordnance.

3214C Navigation/Naval Operations II: Seamanship and Ship Operations (3) US NVY
Prerequisite: NAV 2221C. International and inland rules of the road; relative motion-vector analysis; ship handling, employment and tactics, afloat communications; operations analysis. Laboratory required.

4224 Amphibious Warfare (3) US NVY
History of amphibious warfare emphasizing doctrine and techniques as well as an understanding of the interrelations of political, strategic, operational, tactical, and technical levels of war from the past.

4232 Principles of Naval Management II (Leadership and Ethics) (3) US NVY
Prerequisite: NAV 2231. Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer.

**Nursing (NUR)**

*Note: There are two BSN degree programs. The four-year program (basic) prepares students to become eligible for the RN licensing examination. The RN to BSN program provides the opportunity for licensed registered nurses to complete the baccalaureate in nursing degree.*

201 Foundations of Nursing (4)
For basic students only. Prerequisite: acceptance to the nursing program. This course introduces students to the foundations of professional nursing practice. Topics include historical, philosophical and theoretical perspectives in nursing. In addition, the concepts of caring, communication, critical thinking and cultural competence are introduced. Emphasis is placed upon self-care, the nursing process, nursing theory, and legal and ethical aspects of nursing.

210 Intro to Pathophysiology (3)
For basic students only. Prerequisite or corequisite: NUR 201. This course provides students with a basic understanding of pathophysiology from a structural and functional organizational framework. It builds upon the student’s knowledge in the sciences, and explores how alterations in structure and function disrupt the body as a whole. Physiological changes across the lifespan are examined. Students utilize critical thinking to analyze selected diseases for symptomatology, pathophysiology and implications for health care intervention.

213 Professional Skills in Nursing and 213L (4)
For basic students only. Corequisite: NUR 201. NUR 213 and 213L must be taken concurrently. Laboratory and clinical experiences provide students the opportunity to learn and apply the cognitive knowledge and technical skills necessary to provide effective patient care to diverse populations. Experiences include on-campus activities and supervised clinical learning opportunities in a variety of health care settings.

218 Health Assessment and 218L (4)
For basic students only. NUR 218 and 218L must be taken concurrently. Prerequisite: BIO 183; corequisite: NUR 210. This course provides the basic nursing student with knowledge and skills to obtain and record a health history and physical examination. Assessing the level of health and wellness of clients throughout the lifespan also is included. The course provides both a didactic and laboratory experience.