Emphasis - Naval Science

B.E. in Engineering

Description
The B.E. program is more broadly focused than the B.S. in engineering science programs. The B.E. is designed to provide students the opportunity to gain an understanding of engineering, scientific, and technical knowledge, which will enhance their career objectives in such areas as engineering science, medicine, law, professional education, public policy, military, management, and sales.

Minimum Total Credit Hours: 127

General Education Requirements
Students must complete at least 18 semester hours of general education requirements: 3 hours in humanities, 3 hours in fine arts, 3 hours in humanities/fine arts, 6 hours in social science, and the remaining 3 hours can be in any of the humanities/fine arts, social science, or general education courses as specified by the School of Engineering.

Course Requirements
Candidates for the B.E. degree must complete the following courses: Writ 100, Writ 101, or Hon 101; Writ 102, Liba 102, or Hon 102; Math 261, 262, 263, 264, 353; Chem 105, 106, 115, 116, and Phys 211, 212, 221, 222; Csci 251; Engr 100, 309, 310, 313, 314, 321, 323, 330, 360, 361, 360, 400, 450; Manf 460; 9 hours of technical engineering electives; Econ 310; 3 hours in humanities, 3 hours in fine arts, 3 hours in humanities/fine arts, 3 hours in social science, and the remaining 3 hours can be in any of the humanities/fine arts, social science, or general education courses as specified by the School of Engineering; 27 hours of an approved emphasis area. The qualifications for the 9 hours of technical electives: any combination of courses offered by the School of Engineering with one course at the 200 level or higher and at least two courses at the 300 level or higher, for a combined total of 9 credit hours. For students in the 3+3 pre-law studies emphasis, Law 515 and Law 568 will count as 6 hours toward the 9 hours of technical electives. Those courses will substitute for a 200 level or higher and one 300 level or higher course.

Other Academic Requirements
Students must maintain at least a 2.0 GPA in the emphasis classes for graduation.

Emphasis - Naval Science

Description
Students seeking an emphasis in naval science will be assigned an adviser in both the Department of Naval Science and School of Engineering.

Course Requirements
Candidates for the B.E. degree with an emphasis in naval science must complete 27 hours in the naval science emphasis area from the following courses:
Nsc 211 (2), Nsc 212 (3), Nsc 213 (1), Nsc 215 (1), Nsc 216 (1), Nsc 310 (3), Nsc 312 (3), Nsc 313 (3), Nsc 315 (1), Nsc 316 (1), Nsc 317 (1), Nsc 318 (1), Nsc 320 (3), Nsc 410 (3), Nsc 412 (2), Nsc 413 (3), Nsc 415 (1), Nsc 416 (1), Nsc 417 (1), Nsc 418 (1).