Emphasis - Naval Science

- B.E. in Engineering
- Emphasis - Naval Science
- Degree Requirements

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

Course Requirements

Candidates for the B.E. degree must complete the following courses: Math 261-264, Math 353, Writ 100, Writ 101, Writ 102, or Liba 102; Chem 105, 106, 115, 116, and Phys 211, 212, 221, 222; Csci 251; Engr 207, 309, 310, 313, 321, 330, 360, 361, 400; 9 hours of technical engineering electives; 6 additional hours of humanities/social science/fine arts beyond the 18 hours School of Engineering core/general education requirement; 33 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 a minimum of two courses at the 200 level or higher, and at least one of the two courses needs to be at the 300 level or higher, for a combined total of 9 credit hours.

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 the following courses: Csci 251, Engr 207, Engr 309, 310, 313, 321, 330, 362, 363, 400; 9 hours of technical engineering electives; 6 additional hours of humanities/social science/fine arts beyond the 18 hours School of Engineering core/general education requirement; and 33 hours in the naval science emphasis area from the following courses: Nsc 111 (2), Nsc 112 (2), Nsc 115 (1), Nsc 116 (1), 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). Please see an adviser within the B.E. degree program for further details of these required courses.

Degree Requirements

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

B.E. in Engineering

General Education

REQUIREMENT	HOURS	DESCRIPTION
Chem 105	3	Complete Chem 105 with a passing grade.
Chem 106	3	Complete Chem 106 with a passing grade.
Chem 115	1	Complete Chem 115 with a passing grade.
Chem 116	1	Complete Chem 116 with a passing grade.
First Year Writing	6	Complete Hon 101, Writ 100, or Writ 101. and Complete one of the following courses: Liba 102, Writ 102 or Hon 102.
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.
Math 263	3	Complete Math 263 with a passing grade.
Math 264	3	Complete Math 264 with a passing grade.
Math 353	3	Complete Math 353 with a passing grade.
Phys 211	3	Complete Phys 211 with a passing grade.
Phys 212	3	Complete Phys 212 with a passing grade.
Phys 221	1	Complete Phys 221 with a passing grade.
Phys 222	1	Complete Phys 222 with a passing grade.
3 hrs fine arts	3	Student must successfully complete 3 hours in the fine arts. The course may be chosen from art history, art appreciation, and criticism of art, dance, music, and theatre arts. Courses emphasizing the enhancement of skills and performance are not acceptable.

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

REQUIREMENT	HOURS	DESCRIPTION
3 hrs humanities	3	Complete 3 hrs of humanities choosing from course work in classics, literature, history, modern language, philosophy, religion, Southern studies, African American Studies, and Gender Studies.
3 hrs fine arts/humanities	3	Complete 3 additional hours in any of the humanities or fine arts categories defined by the School of Engineering general education requirements.
6 hrs social sciences	6	Complete 6 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.
6 hrs fine arts/humanities/soc sci	6	Complete 6 additional hours in any of the humanities, fine arts, or social science categories defined by the School of Engineering general education requirements.
3 hrs gen ed or SS/H/FA	3	Complete 3 hrs General Education work chosen from the following: additional fine art, additional social science, additional humanities, As 301, As 302, Bus 250, Bus 271, Edld 110, Edld 111, Edld 120, Edld 220, Mgmt 371, Msl 102, Nsc 211, or Spch 105.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Csci 251	3	Complete Csci 251 with a passing grade.
Engr 207	1	Complete Engr 207 with a passing grade.
Engr 309	3	Complete Engr 309 with a passing grade.
Engr 310	3	Complete Engr 310 with a passing grade.
Engr 313	3	Complete Engr 313 with a passing grade.
Engr 321	3	Complete Engr 321 with a passing grade.
Engr 360 or Engr 362	3	Complete either Engr 360 or Engr 362 with a passing grade.
Engr 361 or Engr 363	1	Complete either Engr 361 or Engr 363 with a passing grade.
Engr 400	1	Complete Engr 400 with a passing grade.
Engr 330	3	Complete Engr 330 with a passing grade.
6 hrs add'l SOE technical elective	6	Complete at least 6 hours of additional coursework offered by the School of Engineering at the 200-level or above.
3 hrs SOE tech elect at 300+ level	3	Complete at least 3 hours of additional coursework offered by the School of Engineering at the 300-level or above with a passing grade.
Enroll in a BE emphasis		Enroll in an emphasis within the B.E. in Engineering program.
School of Engineering GPA		Must be at least a 2.0

Emphasis - Naval Science

REQUIREMENT	HOURS	DESCRIPTION
33 hours Naval Science	33	Successfully complete 33 hours from the following courses: Nsc 111, Nsc 112, Nsc 115, Nsc 116, Nsc 211, Nsc 212, Nsc 213, Nsc 215, Nsc 216, Nsc 310, Nsc 312, Nsc 313, Nsc 315, Nsc 316, Nsc 317, Nsc 318, Nsc 320, Nsc 410, Nsc 412, Nsc 413, Nsc 415, Nsc 416, Nsc 417, Nsc 418.

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