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
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, 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).

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
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.
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	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.
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.
3 hrs social sciences	3	Complete 3 hours of social sciences, excluding Econ 310, choosing from the following; economics, anthropology, political science, psychology, and sociology.
Econ 310 as SS	3	Complete Econ 310 with a passing grade.
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.
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.

REQUIREMENT	HOURS	DESCRIPTION
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.
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.
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.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Csci 251	3	Complete Csci 251 with a passing grade.
Engr 100	3	Complete Engr 100 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 314	1	Complete Engr 314 with a passing grade.
Engr 321	3	Complete Engr 321 with a passing grade.
Engr 323	3	Complete Engr 323 with a passing grade.
Engr 330	3	Complete Engr 330 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 450	3	Complete Engr 450 with a passing grade.
Manf 460	3	Complete Manf 460 with a passing grade.
6 hrs SOE technical electives	6	Complete at least 6 hours of additional coursework offered by the School of Engineering at the 200-level or above with a passing grade.
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
27 hours Naval Science	27	Successfully complete 27 hours from the following courses: 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.