B.S.E.E. in Electrical Engineering

Overview

Degree Requirements

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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.S.E.E. in Electrical Engineering

General Education

REQUIREMENT	HOURS	DESCRIPTION
First Year Writing I	3	Complete Hon 101, Writ 100 or Writ 101 with a passing grade.
First Year Writing II	3	Complete one of the following courses with a passing grade: Liba 102, Writ 102 or Hon 102.
3 hrs fine arts	3	Complete 3 hrs of fine arts with a passing grade chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Courses that satisfy this requirement are any Art History (AH); Liba 130, 204, 314; Mus 101, 102, 103, 104, 105; Danc 200; Thea 201, 202.
3 hrs humanities	3	Successfully complete 3 hrs of humanities with a passing grade chosen from the following: African American studies (Aas 201, 202), classics (Clc), environmental studies (Envs 101), gender studies (G St 201, 202), history (Hst), liberal arts (Liba 202, 305, 312), literature (Eng 103, 220-226), philosophy (Phil), religion (Rel), Southern studies 100-level, and either Hon 101 or 102 (if not being used to fulfill composition requirements).
3 hrs social sciences	3	Successfully complete 3 hrs of social science with a passing grade chosen from anthropology (Anth), economics (Econ), political science (Pol), psychology (Psy), sociology (Soc), Liba 203, 313, or Hon 101, 102
Econ 310	3	Complete Econ 310 with a passing grade.
3 hrs FA/Lang/Hum	3	Successfully complete 3 hrs of Fine Arts, Humanities, or Modern language with a passing grade. Modern Language include courses in courses in Ancient Greek (Gr), Arabic (Arab) nd Swahili (Swa). (Japn), Korean (Kor), Latin (Lat), Portuguese (Port), Russian (Russ), Spanish
3 hrs gen ed, lang, or SS/H/FA	3	Complete 3 additional hours with a passing grade of humanities, languages (modern, Greek, or Latin), social science, or a general education course as defined by the School of Engineering

General Education II

REQUIREMENT	HOURS	DESCRIPTION
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.
Chem 105	3	Complete Chem 105 with a passing grade.
Chem 115	1	Complete Chem 115 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
ECE 361	1	Complete ECE 361 with a passing grade.
El E 235	3	Complete El E 235 with a passing grade.
El E 236	1	Complete El E 236 with a passing grade.
El E 237	1	Complete EE 237 with a passing grade.

REQUIREMENT	HOURS	DESCRIPTION
El E 331	3	Complete El E 331 with a passing grade.
El E 322	1	Complete El E 322 with a passing grade.
El E 340	3	Complete El E 340 with a passing grade.
El E 341	3	Complete El E 341 with a passing grade.
El E 351	3	Complete El E 351 with a passing grade.
El E 352	3	Complete El E 352 with a passing grade.
El E 353	1	Complete El E 353 with a passing grade.
El E 385	3	Complete El E 385 with a passing grade.
El E 386	1	Complete El E 386 with a passing grade.
El E 391	3	Complete El E 391 with a passing grade.
El E 431	3	Complete El E 431 with a passing grade.
El E 447	3	Complete El E 447 with a passing grade.
El E 461	1	Complete El E 461 with a passing grade.
El E 462	3	Complete El E 462 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 360	3	Complete Engr 360 with a passing grade.
Engr 361	1	Complete Engr 361 with a passing grade.
School of Engineering GPA		Must be at least a 2.0
Enroll in a BSEE emphasis		Enroll in an emphasis within the BSEE program.

Emphasis - Computer Engineering

REQUIREMENT	HOURS	DESCRIPTION
Csci 111	3	Complete Csci 111 with a passing grade.
Csci 112	3	Complete Csci 112 with a passing grade.
Csci 211	3	Complete Csci 211 with a passing grade.
Csci 223	3	Complete Csci 223 with a passing grade.
Csci 423	3	Complete Csci 423 with a passing grade.
El E 425	3	Complete El E 425 with a passing grade.
El E 485	2	Complete El E 485 with a passing grade.
El E 486	1	Complete El E 486 with a passing grade.
Math 301	3	Complete Math 301 with a passing grade.
2 hrs technical electives	2	Complete 2 hrs technical electives from the following: El E 313, 314, 413, 414, 415, 433, 441, 443, 451, 453, 482, 487, 523, 525, 533, 534, 535, 586; Engr 597; CSci 361, 521, 530, 551, 561.

Emphasis - General Program

REQUIREMENT	HOURS	DESCRIPTION
El E 100 or Engr 100	3	Complete El E 100 or Engr 100 with a passing grade.
Engr 321	3	Complete Engr 321 with a passing grade.
Csci 256	3	Complete Csci 256 with a passing grade.
Csci 356	3	Complete Csci 356 with a passing grade.
El E 485	2	Complete El E 485 with a passing grade.

REQUIREMENT	HOURS	DESCRIPTION
El E 486	1	Complete El E 486 with a passing grade.
14 hrs technical electives	14	Complete 14 hours of technical elective courses. Technical elective courses may be chosen from El E 313, 314, 413, 414, 415, 425, 433, 441, 443, 447, 451, 453, 482, 487, 523, 525, 533, 534, 535, 536, 586; Engr 597; CSci 361, 423, 521, 530, 551, 561.

Emphasis - Manufacturing

REQUIREMENT	HOURS	DESCRIPTION
Csci 256	3	Complete Csci 256 with a passing grade.
Csci 356	3	Complete Csci 356 with a passing grade.
El E 485	2	Complete El E 485 with a passing grade.
El E 486	1	Complete El E 486 with a passing grade.
Manf 150	1	Complete Manf 150 with a passing grade.
Manf 152	1	Complete Manf 152 with a passing grade.
Manf 251	3	
Manf 252	1	Complete Manf 252 with a passing grade.
Manf 253	3	Complete Manf 253 with a passing grade.
Manf 255	1	Complete Manf 255 with a passing grade.
Manf 351	1	Complete Manf 351 with a passing grade.
Manf 353	3	Complete Manf 353 with a passing grade.
Manf 355	1	Complete Manf 355 with a passing grade.
Manf 455	3	Complete Manf 455 with a passing grade.
6 hrs of tech elective courses	6	Complete 6 hours of technical elective courses, with a passing grade, to be chosen from El E 415, 425, 433, 441, 443, 451, 453, 481, 482, 487, 523, 525, 533, 534, 535, 536, 586.