

B.S.E.E. in Electrical Engineering

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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.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 . |
| 6 hrs humanities | 6 | Successfully complete 6 hrs of humanities with a passing grade chosen from the following: African American studies (Aas 201 , 202), classics (Clc), English (Eng 220-226), gender studies (G St 201 , 202), history (Hst), liberal arts (Liba 202 , 305 , 312), philosophy (Phil), religion (Rel), Southern studies (S St 100 -level), and either Hon 101 or 102 (if not being used to fulfill composition requirements). |
| 3 hrs social sciences | 3 | Complete 3 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology. |
| Econ 310 | 3 | Complete Econ 310 with a passing grade. |

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 |
|--------------------------|-------|---|
| EI E 235 | 3 | Complete EI E 235 with a passing grade. |
| EI E 236 | 1 | Complete EI E 236 with a passing grade. |
| EI E 237 | 1 | Complete EE 237 with a passing grade. |
| EI E 331 | 3 | Complete EI E 331 with a passing grade. |
| EI E 322 | 1 | Complete EI E 322 with a passing grade. |
| EI E 340 | 3 | Complete EI E 340 with a passing grade. |
| EI E 341 | 3 | Complete EI E 341 with a passing grade. |
| EI E 351 | 3 | Complete EI E 351 with a passing grade. |



| REQUIREMENT | HOURS | DESCRIPTION |
|---------------------------|-------|---|
| 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. |
| El E 485 | 2 | Complete El E 485 with a passing grade. |
| El E 486 | 1 | Complete El E 486 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. |

Major Requirements II

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------------|-------|---|
| Csci 256 | 3 | Complete Csci 256 with a passing grade. |
| Csci 356 | 3 | Complete Csci 356 with a passing grade. |
| ECE 361 | 1 | Complete ECE 361 with a passing grade. |
| Engr 101 & 111 | 3 | Complete Engr 101 & 111 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. |

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. |
| 14 hrs technical electives | 14 | Complete 14 hours of technical elective courses. Technical elective courses may be chosen from BME 301 , 313 , 314 , 413 ; El E 415 , 425 , 433 , 441 , 443 , 451 , 453 , 482 , 487 , 523 , 525 , 533 , 534 , 535 , 536 , 586 ; Cp E 421 , 431 , 432 ; CSci 361 , 423 , 521 , 530 , 551 , 561) for a total of 18 credit hours. A maximum of 6 hrs. of 300+ level courses from CSCI, Math, Phys can be counted as technical electives, subject to approval by the Chair of ECE. |

Emphasis - Manufacturing

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| Manf 150 | 1 | Complete Manf 150 with a passing grade. |
| Manf 152 | 1 | Complete Manf 152 with a passing grade. |
| Manf 251 | 3 | Complete Manf 251 with a passing grade. |
| Manf 252 | 1 | Complete Manf 252 with a passing grade. |
| Manf 255 | 1 | Complete Manf 255 with a passing grade. |
| Manf 325 | 3 | Complete Manf 325 with a passing grade. |
| Manf 351 | 1 | Complete Manf 351 with a passing grade. |
| Manf 353 | 3 | Complete Manf 353 with a passing grade. |



| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------------|-------|---|
| 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 credit hours of technical electives (BME 301 , 313 , 314 , 413 ; EL E 415 , 425 , 433 , 441 , 443 , 451 , 453 , 482 , 487 , 523 , 525 , 533 , 534 , 535 , 536 , 586 ; Cp E 421 , 431 , 432 ; CSci 361 , 423 , 521 , 530 , 551 , 561) for a total of 24 credit hours. |

