

B.E. in 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.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. |
| 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. |



| REQUIREMENT | HOURS | DESCRIPTION |
|--|-------|---|
| 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 - Manufacturing

| REQUIREMENT | HOURS | DESCRIPTION |
|---|-------|--|
| Accy 201 | 3 | Complete Accy 201 with a passing grade. |
| Accy 202 | 3 | Complete Accy 202 with a passing grade. |
| Bus 230 or Econ 230 | 3 | Complete Bus 230 or Econ 230 with a passing grade. |
| Bus 250 | 3 | Complete Bus 250 with a passing grade. |
| Bus 321 | 3 | Complete Bus 321 with a passing grade. |
| Econ 202 | 3 | Complete Econ 202 with a passing grade. (Counting as a social science elective) |
| Econ 203 | 3 | Complete Econ 203 with a passing grade. |
| Fin 331 | 3 | Complete Fin 331 with a passing grade. |
| Mktg 351 | 3 | Complete Mktg 351 with a passing grade. |
| Mgmt 371 | 3 | Complete Mgmt 371 with a passing grade. |
| Mgmt 383 | 3 | Complete Mgmt 383 with a passing grade. |
| Manf 150 | 1 | Complete Manf 150 with a passing grade. |
| Manf 250 | 1 | Complete Manf 250 with a passing grade. |
| Manf 251 | 3 | Complete Manf 251 with a passing grade. |
| Manf 252 | 1 | Complete Manf 252 with a passing grade. (Counting as a 200-level engineering elective) |
| Manf 253 | 3 | Complete Manf 253 with a passing grade. |
| Manf 254 | 3 | Complete Manf 254 with a passing grade. |
| Manf 350 | 3 | Complete Manf 350 with a passing grade. |
| Manf 351 | 1 | Complete Manf 351 with a passing grade. |

Emphasis - Military Science

| REQUIREMENT | HOURS | DESCRIPTION |
|---------------------------|-------|--|
| 33 hours Military Science | 33 | Complete 33 hours of military science courses with a passing grade from the following: MSL 101 , MSL 102 , MSL 103 , MSL 200 , MSL 201 , MSL 202 , MSL 203 , MSL 301 , MSL 302 , MSL 340 , MSL 399 , MSL 401 , MSL 402 , ISS 125 . |

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 . |

Emphasis - Aerospace Studies



| REQUIREMENT | HOURS | DESCRIPTION |
|---------------------------|-------|---|
| AS 101 | 1 | Complete AS 101 with a passing grade. |
| AS 102 | 1 | Complete AS 102 with a passing grade. |
| AS 111 | 1 | Complete AS 111 with a passing grade. |
| AS 112 | 1 | Complete AS 112 with a passing grade. |
| AS 201 | 1 | Complete AS 201 with a passing grade. |
| AS 202 | 1 | Complete AS 202 with a passing grade. |
| AS 211 | 1 | Complete AS 211 with a passing grade. |
| AS 212 | 1 | Complete AS 212 with a passing grade. |
| AS 301 | 3 | Complete AS 301 with a passing grade. |
| AS 302 | 3 | Complete AS 302 with a passing grade. |
| AS 311 | 1 | Complete AS 311 with a passing grade. |
| AS 312 | 1 | Complete AS 312 with a passing grade. |
| AS 401 | 3 | Complete AS 401 with a passing grade. |
| AS 402 | 3 | Complete AS 402 with a passing grade. |
| AS 411 | 1 | Complete AS 411 with a passing grade. |
| AS 412 | 1 | Complete AS 412 with a passing grade. |
| 9-12 hrs add'l coursework | 9 | Complete 9-12 additional hours of coursework from either Military Science or Naval Science. |

Emphasis - Business Administration

| REQUIREMENT | HOURS | DESCRIPTION |
|--|-------|---|
| Accy 201 | 3 | Complete Accy 201 with a passing grade. |
| Accy 202 | 3 | Complete Accy 202 with a passing grade. |
| Econ 202 | 3 | Complete Econ 202 with a passing grade. |
| Econ 203 | 3 | Complete Econ 203 with a passing grade. |
| Mktg 351 | 3 | Complete Mktg 351 with a passing grade. |
| Mgmt 371 or Mgmt 391 | 3 | Complete Mgmt 371 or Mgmt 391 with a passing grade. |
| Bus 250 | 3 | Complete Bus 250 with a passing grade. |
| Bus 230 | 3 | Complete Bus 230 with a passing grade. |
| Bus 302 | 3 | Complete Bus 302 with a passing grade. |
| Fin 303 | 3 | Complete Fin 303 with a passing grade. |
| Fin 331 | 3 | Complete Fin 331 with a passing grade. |

Emphasis - Pre-Med Studies

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| Bisc 160 | 3 | Complete Bisc 160 with a passing grade. |
| Bisc 161 | 1 | Complete Bisc 161 with a passing grade. |
| Bisc 162 | 3 | Complete Bisc 162 with a passing grade. |
| Bisc 163 | 1 | Complete Bisc 163 with a passing grade. |
| Chem 221 | 3 | Complete Chem 221 with a passing grade. |
| Chem 222 | 3 | Complete Chem 222 with a passing grade. |
| Chem 225 | 1 | Complete Chem 225 with a passing grade. |
| Chem 226 | 1 | Complete Chem 226 with a passing grade. |



| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------------|-------|--|
| 5 hrs 200+ Chem, Bisc, or Psy | 5 | Complete 5-6 hours of Chemistry, Biology, or Psychology at the 200 level or above. |
| 12 hrs 300+ Chem, Bisc, or Psy | 12 | Complete 12 hours of Chemistry, Biology, or Psychology at the 300 level or above. |

Emphasis - Pre-Law

| REQUIREMENT | HOURS | DESCRIPTION |
|-------------------------|-------|--|
| Law 501 | 3 | Complete Law 501 with a passing grade. |
| Law 502 | 6 | Complete Law 502 with a passing grade. |
| Law 503 | 3 | Complete Law 503 with a passing grade. |
| Law 504 | 4 | Complete Law 504 with a passing grade. |
| Law 507 | 3 | Complete Law 507 with a passing grade. |
| Law 514 | 3 | Complete Law 514 with a passing grade. |
| Law 515 | 3 | Complete Law 515 with a passing grade. |
| Law 568 | 3 | Complete Law 568 with a passing grade. |
| Law 590 | 3 | Complete Law 590 with a passing grade. |

