

B.S.M.E. in Mechanical 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.

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 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 . |
| 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. |
| Math 375 | 3 | Complete Math 375 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 | Successfully complete 3 hours in the fine arts. The course may be chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. |
| 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 social science | 3 | Complete 3 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology. |
| 9 hrs fine arts/humanities/soc sci | 9 | Complete 9 hours in any of the social sciences, humanities or fine arts categories defined by the School of Engineering general education requirements. |

Major Requirements

| REQUIREMENT | HOURS | DESCRIPTION |
|-------------------------|-------|--|
| M E 324 | 3 | Complete M E 324 with a passing grade. |
| M E 325 | 3 | Complete M E 325 with a passing grade. |
| M E 401 | 3 | Complete M E 401 with a passing grade. |
| M E 402 | 3 | Complete M E 402 with a passing grade. |
| M E 404 | 3 | Complete M E 404 with a passing grade. |
| M E 416 | 1 | Complete M E 416 with a passing grade. |
| M E 419 | 1 | Complete M E 419 with a passing grade. |
| M E 427 | 4 | Complete M E 427 with a passing grade. |
| M E 428 | 3 | Complete M E 428 with a passing grade. |



| REQUIREMENT | HOURS | DESCRIPTION |
|-------------------------------|-------|---|
| M E 438 | 3 | Complete M E 438 with a passing grade. |
| 1 Group A elective | 3 | Complete 1 Mechanical Engineering Technical elective from the following M E 405 , M E 417 , M E 418 , M E 422 , M E 523 , M E 524 , M E 526 , M E 527 , M E 531 , M E 534 , M E 535 , M E 538 , M E 540 , M E 541 , M E 555 |
| 1 Group A or Group B Elective | 3 | Complete 1 Mechanical Engineering Technical elective from Elective A courses, including M E 405 , M E 417 , M E 418 , M E 422 , M E 523 , M E 524 , M E 526 , M E 527 , M E 531 , M E 534 , M E 535 , M E 538 , M E 540 , M E 541 , M E 555 OR Elective B courses, including M E 421 , M E 521 , M E 522 , M E 530 , M E 533 , Engr 410 , Engr 515 , Engr 558 , Engr 559 , Engr 585 , Engr 590 , Engr 593 , M E 417 , M E 418 , M E 422 , M E 523 , M E 524 , M E 526 , M E 527 , M E 531 , M E 534 , M E 535 , M E 538 , M E 540 , M E 541 , M E 555 , M E 405 |
| School of Engineering GPA | | Must be at least a 2.0 |

Major Requirements II

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| Csci 251 | 3 | Complete Csci 251 with a passing grade. |
| Econ 310 | 3 | Complete Econ 310 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 312 | 3 | Complete Engr 312 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 322 | 3 | Complete Engr 322 with a passing grade. |
| Engr 330 | 3 | Complete Engr 330 with a passing grade. |
| Engr 362 | 3 | Complete Engr 362 with a passing grade. |
| Engr 363 | 1 | Complete Engr 363 with a passing grade. |
| Engr 553 | 3 | Complete Engr 553 with passing grade |

