

# 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First Year Writing             | 6     | Complete <a href="#">Hon 101</a> , <a href="#">Writ 100</a> , or <a href="#">Writ 101</a> . and Complete one of the following courses: <a href="#">Liba 102</a> , <a href="#">Writ 102</a> or <a href="#">Hon 102</a> .                                                                                                                                                                                                                                                |
| 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 <a href="#">Econ 310</a> , choosing from the following; economics, anthropology, political science, psychology, and sociology.                                                                                                                                                                                                                                                                                          |
| <a href="#">Econ 310</a> as SS | 3     | Complete <a href="#">Econ 310</a> 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, <a href="#">As 301</a> , <a href="#">As 302</a> , <a href="#">Bus 250</a> , <a href="#">Bus 271</a> , <a href="#">Edld 110</a> , <a href="#">Edld 111</a> , <a href="#">Edld 120</a> , <a href="#">Edld 220</a> , <a href="#">Mgmt 371</a> , <a href="#">Msl 102</a> , <a href="#">Nsc 211</a> , or <a href="#">Spch 105</a> . |
| <a href="#">Math 261</a>       | 3     | Complete <a href="#">Math 261</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Math 262</a>       | 3     | Complete <a href="#">Math 262</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Math 263</a>       | 3     | Complete <a href="#">Math 263</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Math 264</a>       | 3     | Complete <a href="#">Math 264</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Math 353</a>       | 3     | Complete <a href="#">Math 353</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Chem 105</a>       | 3     | Complete <a href="#">Chem 105</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Chem 106</a>       | 3     | Complete <a href="#">Chem 106</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Chem 115</a>       | 1     | Complete <a href="#">Chem 115</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Chem 116</a>       | 1     | Complete <a href="#">Chem 116</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Phys 211</a>       | 3     | Complete <a href="#">Phys 211</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Phys 212</a>       | 3     | Complete <a href="#">Phys 212</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Phys 221</a>       | 1     | Complete <a href="#">Phys 221</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Phys 222</a>       | 1     | Complete <a href="#">Phys 222</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                |

### Major Requirements

| REQUIREMENT              | HOURS | DESCRIPTION                                             |
|--------------------------|-------|---------------------------------------------------------|
| <a href="#">Csci 251</a> | 3     | Complete <a href="#">Csci 251</a> with a passing grade. |
| <a href="#">Engr 100</a> | 3     | Complete <a href="#">Engr 100</a> with a passing grade. |
| <a href="#">Engr 309</a> | 3     | Complete <a href="#">Engr 309</a> with a passing grade. |
| <a href="#">Engr 310</a> | 3     | Complete <a href="#">Engr 310</a> with a passing grade. |
| <a href="#">Engr 313</a> | 3     | Complete <a href="#">Engr 313</a> with a passing grade. |
| <a href="#">Engr 314</a> | 1     | Complete <a href="#">Engr 314</a> with a passing grade. |



| REQUIREMENT                                          | HOURS | DESCRIPTION                                                                                                                             |
|------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Engr 321</a>                             | 3     | Complete <a href="#">Engr 321</a> with a passing grade.                                                                                 |
| <a href="#">Engr 323</a>                             | 3     | Complete <a href="#">Engr 323</a> with a passing grade.                                                                                 |
| <a href="#">Engr 330</a>                             | 3     | Complete <a href="#">Engr 330</a> with a passing grade.                                                                                 |
| <a href="#">Engr 360</a> or <a href="#">Engr 362</a> | 3     | Complete either <a href="#">Engr 360</a> or <a href="#">Engr 362</a> with a passing grade.                                              |
| <a href="#">Engr 361</a> or <a href="#">Engr 363</a> | 1     | Complete either <a href="#">Engr 361</a> or <a href="#">Engr 363</a> with a passing grade.                                              |
| <a href="#">Engr 400</a>                             | 1     | Complete <a href="#">Engr 400</a> with a passing grade.                                                                                 |
| <a href="#">Engr 450</a>                             | 3     | Complete <a href="#">Engr 450</a> with a passing grade.                                                                                 |
| <a href="#">Manf 460</a>                             | 3     | Complete <a href="#">Manf 460</a> 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 - Manufacturing

| REQUIREMENT              | HOURS | DESCRIPTION                                                                                            |
|--------------------------|-------|--------------------------------------------------------------------------------------------------------|
| <a href="#">Accy 201</a> | 3     | Complete <a href="#">Accy 201</a> with a passing grade.                                                |
| <a href="#">Accy 202</a> | 3     | Complete <a href="#">Accy 202</a> with a passing grade.                                                |
| <a href="#">Bus 250</a>  | 3     | Complete <a href="#">Bus 250</a> with a passing grade.                                                 |
| <a href="#">Econ 202</a> | 3     | Complete <a href="#">Econ 202</a> with a passing grade. (Counting as a social science elective)        |
| <a href="#">Econ 203</a> | 3     | Complete <a href="#">Econ 203</a> with a passing grade.                                                |
| <a href="#">Manf 150</a> | 1     | Complete <a href="#">Manf 150</a> with a passing grade.                                                |
| <a href="#">Manf 152</a> | 1     | Complete <a href="#">Manf 152</a> with a passing grade.                                                |
| <a href="#">Manf 251</a> | 3     | Complete <a href="#">Manf 251</a> with a passing grade.                                                |
| <a href="#">Manf 252</a> | 1     | Complete <a href="#">Manf 252</a> with a passing grade. (Counting as a 200-level engineering elective) |
| <a href="#">Manf 253</a> | 3     | Complete <a href="#">Manf 253</a> with a passing grade.                                                |
| <a href="#">Manf 255</a> | 1     | Complete <a href="#">Manf 255</a> with a passing grade. (Counting as a 200-level engineering elective) |
| <a href="#">Manf 351</a> | 1     | Complete <a href="#">Manf 351</a> with a passing grade.                                                |
| <a href="#">Manf 353</a> | 2     | Complete <a href="#">Manf 353</a> with a passing grade.                                                |
| <a href="#">Manf 353</a> | 3     | Complete <a href="#">Manf 353</a> with a passing grade.                                                |
| <a href="#">Manf 355</a> | 1     | Complete <a href="#">Manf 355</a> with a passing grade.                                                |
| <a href="#">Manf 455</a> | 3     | Complete <a href="#">Manf 455</a> with a passing grade.                                                |

### Emphasis - Military Science

| REQUIREMENT               | HOURS | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 hours Military Science | 27    | Complete 27 hours of military science courses with a passing grade from the following: <a href="#">MSL 201</a> , <a href="#">MSL 202</a> , <a href="#">MSL 203</a> , <a href="#">MSL 301</a> , <a href="#">MSL 302</a> , <a href="#">MSL 340</a> , <a href="#">MSL 399</a> , <a href="#">MSL 401</a> , <a href="#">MSL 402</a> , & <a href="#">ISS 125</a> . |

### Emphasis - Naval Science

| REQUIREMENT            | HOURS | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 hours Naval Science | 27    | Successfully complete 27 hours from the following courses: <a href="#">Nsc 211</a> , <a href="#">Nsc 212</a> , <a href="#">Nsc 213</a> , <a href="#">Nsc 215</a> , <a href="#">Nsc 216</a> , <a href="#">Nsc 310</a> , <a href="#">Nsc 312</a> , <a href="#">Nsc 313</a> , <a href="#">Nsc 315</a> , <a href="#">Nsc 316</a> , <a href="#">Nsc 317</a> , <a href="#">Nsc 318</a> , <a href="#">Nsc 320</a> , <a href="#">Nsc 410</a> , <a href="#">Nsc 412</a> , <a href="#">Nsc 413</a> , <a href="#">Nsc 415</a> , <a href="#">Nsc 416</a> , <a href="#">Nsc 417</a> , & <a href="#">Nsc 418</a> . |

### Emphasis - Aerospace Studies



| REQUIREMENT             | HOURS | DESCRIPTION                                            |
|-------------------------|-------|--------------------------------------------------------|
| <a href="#">AS 101</a>  | 1     | Complete <a href="#">AS 101</a> with a passing grade.  |
| <a href="#">AS 102</a>  | 1     | Complete <a href="#">AS 102</a> with a passing grade.  |
| <a href="#">AS 111</a>  | 1     | Complete <a href="#">AS 111</a> with a passing grade.  |
| <a href="#">AS 112</a>  | 1     | Complete <a href="#">AS 112</a> with a passing grade.  |
| <a href="#">AS 201</a>  | 1     | Complete <a href="#">AS 201</a> with a passing grade.  |
| <a href="#">AS 202</a>  | 1     | Complete <a href="#">AS 202</a> with a passing grade.  |
| <a href="#">AS 211</a>  | 1     | Complete <a href="#">AS 211</a> with a passing grade.  |
| <a href="#">AS 212</a>  | 1     | Complete <a href="#">AS 212</a> with a passing grade.  |
| <a href="#">AS 301</a>  | 3     | Complete <a href="#">AS 301</a> with a passing grade.  |
| <a href="#">AS 302</a>  | 3     | Complete <a href="#">AS 302</a> with a passing grade.  |
| <a href="#">AS 311</a>  | 1     | Complete <a href="#">AS 311</a> with a passing grade.  |
| <a href="#">AS 312</a>  | 1     | Complete <a href="#">AS 312</a> with a passing grade.  |
| <a href="#">AS 401</a>  | 3     | Complete <a href="#">AS 401</a> with a passing grade.  |
| <a href="#">AS 402</a>  | 3     | Complete <a href="#">AS 402</a> with a passing grade.  |
| <a href="#">AS 411</a>  | 1     | Complete <a href="#">AS 411</a> with a passing grade.  |
| <a href="#">AS 412</a>  | 1     | Complete <a href="#">AS 412</a> with a passing grade.  |
| <a href="#">ISS 125</a> | 3     | Complete <a href="#">ISS 125</a> with a passing grade. |

### Emphasis - Business Administration

| REQUIREMENT                                          | HOURS | DESCRIPTION                                                                                     |
|------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------|
| <a href="#">Accy 201</a>                             | 3     | Complete <a href="#">Accy 201</a> with a passing grade.                                         |
| <a href="#">Accy 202</a>                             | 3     | Complete <a href="#">Accy 202</a> with a passing grade.                                         |
| <a href="#">Econ 202</a>                             | 3     | Complete <a href="#">Econ 202</a> with a passing grade. (Counting as a social science elective) |
| <a href="#">Econ 203</a>                             | 3     | Complete <a href="#">Econ 203</a> with a passing grade.                                         |
| <a href="#">Mktg 351</a>                             | 3     | Complete <a href="#">Mktg 351</a> with a passing grade.                                         |
| <a href="#">Mgmt 371</a> or <a href="#">Mgmt 391</a> | 3     | Complete <a href="#">Mgmt 371</a> or <a href="#">Mgmt 391</a> with a passing grade.             |
| <a href="#">Bus 250</a>                              | 3     | Complete <a href="#">Bus 250</a> with a passing grade.                                          |
| <a href="#">Bus 230</a>                              | 3     | Complete <a href="#">Bus 230</a> with a passing grade.                                          |
| <a href="#">Bus 302</a>                              | 3     | Complete <a href="#">Bus 302</a> with a passing grade.                                          |
| <a href="#">Fin 331</a>                              | 3     | Complete <a href="#">Fin 331</a> with a passing grade.                                          |

### Emphasis - Pre-Med Studies

| REQUIREMENT              | HOURS | DESCRIPTION                                             |
|--------------------------|-------|---------------------------------------------------------|
| <a href="#">Bisc 160</a> | 3     | Complete <a href="#">Bisc 160</a> with a passing grade. |
| <a href="#">Bisc 161</a> | 1     | Complete <a href="#">Bisc 161</a> with a passing grade. |
| <a href="#">Bisc 162</a> | 3     | Complete <a href="#">Bisc 162</a> with a passing grade. |
| <a href="#">Bisc 163</a> | 1     | Complete <a href="#">Bisc 163</a> with a passing grade. |
| <a href="#">Chem 221</a> | 3     | Complete <a href="#">Chem 221</a> with a passing grade. |
| <a href="#">Chem 222</a> | 3     | Complete <a href="#">Chem 222</a> with a passing grade. |
| <a href="#">Chem 225</a> | 1     | Complete <a href="#">Chem 225</a> with a passing grade. |
| <a href="#">Chem 226</a> | 1     | Complete <a href="#">Chem 226</a> with a passing grade. |



| REQUIREMENT                    | HOURS | DESCRIPTION                                                                                          |
|--------------------------------|-------|------------------------------------------------------------------------------------------------------|
| 11 hrs 300+ Chem, Bisc, or Psy | 11    | Complete 11 hrs of Chemistry, Biology, or Psychology at the 300 level or above with a passing grade. |
| <a href="#">Psy 201</a>        | 3     | Complete <a href="#">Psy 201</a> with a passing grade. (Counting as a social science elective)       |

### Emphasis - Accelerated Law (3+3)

| REQUIREMENT             | HOURS | DESCRIPTION                                            |
|-------------------------|-------|--------------------------------------------------------|
| <a href="#">Law 501</a> | 3     | Complete <a href="#">Law 501</a> with a passing grade. |
| <a href="#">Law 502</a> | 6     | Complete <a href="#">Law 502</a> with a passing grade. |
| <a href="#">Law 503</a> | 3     | Complete <a href="#">Law 503</a> with a passing grade. |
| <a href="#">Law 504</a> | 4     | Complete <a href="#">Law 504</a> with a passing grade. |
| <a href="#">Law 507</a> | 3     | Complete <a href="#">Law 507</a> with a passing grade. |
| <a href="#">Law 514</a> | 3     | Complete <a href="#">Law 514</a> with a passing grade. |
| <a href="#">Law 515</a> | 3     | Complete <a href="#">Law 515</a> with a passing grade. |
| <a href="#">Law 568</a> | 3     | Complete <a href="#">Law 568</a> with a passing grade. |
| <a href="#">Law 590</a> | 3     | Complete <a href="#">Law 590</a> with a passing grade. |

