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https://catalog.olemiss.edu/2022/fall/undergraduate/engineering/electrical-computer-engineering/bs-elec-engr/el-e-manuf
General Education Requirements
Students must complete at least 18 semester hours of general education requirements: 3 hours in humanities, 3 hours in fine arts, 3 hours in humanities/fine arts, 6 hours in social science (including Econ 310), and the remaining 3 hours can be in any of the humanities/fine arts, social science, or general education courses as specified by the School of Engineering.

Course Requirements
Major Coursework Requirements:
Specific requirements for the B.S.E.E. include: Writ 100, Writ 101, or Hon 101; Writ 102, Liba 102, or Hon 102; Math 261-264, Math 353; Chem 105, 115; Phys 211, 212, 221, 222; two Csci programming courses Csci 256, 356; Engr 309, 310, 360, 361; E E 235, 236, 237, 331, 340, 341, 351, 352, 353, 367, 385, 386, 391, 431, 447, 461, 462, 485, 486.

Coursework for General Emphasis:
Specific requirements for the General Emphasis include El E 100; ENGR 321; 14 credit hours of Technical Electives (BME 313, 314, 413; EL E 415, 425, 433, 441, 443, 451, 453, 482, 487, 523, 525, 533, 534, 535, 586; CSci 361, 423, 521, 530, 551, 581) for a total of 18 credit hours.

Coursework for Manufacturing Emphasis:
Specific requirements for the Manufacturing Emphasis include MANF 150, 152, 251, 252, 253, 255, 351, 353, 355, 455; 6 credit hours of Technical Electives (BME 313, 314, 413; EL E 415, 425, 433, 441, 443, 451, 453, 482, 487, 523, 525, 533, 534, 535, 586; CSci 361, 423, 521, 530, 551, 581) for a total of 24 credit hours.

Emphasis - Manufacturing
Description
The B.S.E.E. with emphasis in manufacturing provides broad training in basic and engineering sciences and fundamental knowledge of electrical engineering, with a focus on manufacturing.

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

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>HOURS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Writing I</td>
<td>3</td>
<td>Complete Hon 101, Writ 100 or Writ 101 with a passing grade.</td>
</tr>
<tr>
<td>First Year Writing II</td>
<td>3</td>
<td>Complete one of the following courses with a passing grade: Liba 102, Writ 102 or Hon 102.</td>
</tr>
<tr>
<td>3 hrs fine arts</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>3 hrs fine arts/humanities</td>
<td>3</td>
<td>Complete 3 additional hours in any of the humanities or fine arts categories defined by the School of Engineering general education requirements.</td>
</tr>
<tr>
<td>3 hrs humanities</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>3 hrs social sciences</td>
<td>3</td>
<td>Complete 3 hours of social sciences choosing from the following: economics, anthropology, political science, psychology, and sociology.</td>
</tr>
<tr>
<td>3 hrs general education work</td>
<td>3</td>
<td>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, Engr 400, Mgmt 371, Mal 102, Nsc 211, Spch 102, or Spch 105.</td>
</tr>
</tbody>
</table>

Econ 310 | 3 | Complete Econ 310 with a passing grade. |
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. |

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## REQUIREMENT | HOURS | DESCRIPTION
--- | --- | ---
Phys 221 | 1 | Complete Phys 221 with a passing grade.  
Phys 222 | 1 | Complete Phys 222 with a passing grade.  

### Major Requirements

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
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</tr>
</thead>
</table>
| 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 331 | 3 | Complete EL E 331 with a passing grade.  
| EL E 340.237 | 4 | Complete EL E 340.237 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 367 | 3 | Complete EL E 367 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 431 | 3 | Complete EL E 431 with a passing grade.  
| EL E 461 | 1 | Complete EL E 461 with a passing grade.  
| El E 462 | 2 | 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.  

### Emphasis - Manufacturing

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
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</tr>
</thead>
</table>
| 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.  

School of Engineering GPA  
Must be at least a 2.0  
Enroll in a BSEE emphasis  
Enroll in an emphasis within the BSEE program.
<table>
<thead>
<tr>
<th>REQUIREMENT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Manf 455</td>
<td>3</td>
<td>Complete Manf 455 with a passing grade.</td>
</tr>
<tr>
<td>6 hrs of tech elective courses</td>
<td>6</td>
<td>Complete 6 hours of technical elective courses, with a passing grade, to be chosen from El E 415, 425, 433, 441, 443, 447, 451, 453, 461, 482, 487, 523, 525, 533, 534, 535, 586.</td>
</tr>
</tbody>
</table>