

## ELECTRICAL ENGINEERING

### Recommended course schedule

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
<b>FRESHMAN</b>	Writ 101 – First Year Writing I	3	Writ 102 – First Year Writing II	3
	Chem 105/115 – General Chemistry I	4	Math 262 – Calculus II	3
	Math 261 – Calculus I	3	Phys 211/221 – Calc-based physics I	4
	El E 100 – Intro to Electrical Engr.	1	El E 235/236 – Principles of Digital Systems	4
	CSCI 256 – Programming in Python	3	Econ 310 – Engineering Economy	3
	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>17</b>
<b>SOPHOMORE</b>	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 212/222 – Calc-based Physics II	4	Math 353 – Differential Equations	3
	ENGR 360 – Electric Circuit Theory	3	ENGR 310 – Engineering Analysis I	3
	El E 385/386 – Advanced Digital Systems	4	ENGR 361 – Circuits Lab	1
	El E 237 – Elec. Engr Tools and Toys	1	CSCI 356 – Data Structures in Python	3
	Social Science, Humanities or Fine Arts	3	Social Science/Humanities or Fine Arts	3
<b>TOTAL CREDIT HOURS</b>	<b>18</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	
<b>JUNIOR</b>	El E 351 – Electronics Circuits I	3	El E 341 – Theory of Fields	3
	El E 485/486 – Microprocessor Systems	3	El E 352/353 – Electronics Circuits II	4
	El E 331 – Linear Systems	3	El E 367 – CAD in Electrical Engineering	3
	El E 340 – Elec. Engr Analysis I	3	El E 391 – Random Signals	3
	ENGR 309 – Statics	3	El E 431 – Control Theory	3
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
<b>SENIOR</b>	El E 461 – Senior Design I	1	El E 462 – Senior Design II	2
	El E 447 – Modulation, Noise and Communications	3	ENGR 321 – Thermodynamics	2
	Tech Elective	3	Tech Elective	3
	Tech Elective	3	Tech Elective	3
	Social Science, Humanities or Fine Arts	3	Tech Elective	3
	Social Science, Humanities or Fine Arts	3	Social Science, Humanities or Fine Arts	3
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	
<b>MINIMUM TOTAL CREDIT HOURS</b>				<b>128</b>



Visit [engineering.olemiss.edu/advising](http://engineering.olemiss.edu/advising) for full course information.