

## MECHANICAL 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	Chem 106/116 – General Chemistry II	4
	Math 261 – Calculus I	3	Math 262 - Calculus II	3
	Humanities	3	ME 101 – Intro to Mechanical Engineering	1
	Social Science	3	Humanities	3
				Social Science
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>17</b>
<b>SOPHOMORE</b>	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 211/221 – Calc-based Physics	4	Math 353 – Differential Equations	3
	CSCI 251 – Programming for Engineering	3	Phys 212/222 – Calc-based Physics	4
	ME 201 – Engineering Graphics	2	ENGR 309 – Statics	3
	Fine Arts	3	ENGR 321 – Thermodynamics	3
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
<b>JUNIOR</b>	Engr 310 – Engineering Analysis I	3	ENGR 323 – Fluid Mechanics	3
	Engr 312 – Mechanics of Materials	3	ME 324 – Intro. to Mechanical Design	3
	ENGR 313/314 – Materials Science	4	ME 325 – Intermediate Dynamics	3
	ENGR 330 – Engineering Systems Analysis	3	ENGR 361 – Electric Circuit Theory Lab	1
	Engr 360 – Electric Circuit Theory	3	ENGR 420 – Engineering Analysis III	3
			ECON 310 – Engineering Economy	3
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
<b>SENIOR</b>	ME 401 – Thermo-Fluid Dynamics	3	ME 402 – Propulsion	3
	ME 416 – Structures & Dynamics Lab	1	ME 419 – Energy and Fluids Lab	1
	ME 426 – Kinematics	3	ME 428 – Dynamics of Machinery	3
	Thermal/Fluid Elective	3	ME 438 – Senior Design	3
	Design Elective	3	ENGR 553 – Heat Transfer	3
	Social Science	3	Engineering Elective	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.