

MECHANICAL ENGINEERING

Recommended course schedule

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	First Year Writing I	3	First Year Writing II	3
	Chem 105/115 – General Chemistry I, Lab	4	Chem 106/116 – General Chemistry II, Lab	4
	Math 261 – Calculus I	3	Math 262 - Calculus II	3
	Humanities	3	ME 101 – Introduction to Mechanical Engr.	1
	Humanities	3	Social Science	3
				Social Science
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	17
SOPHOMORE	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 211/221 – Calc-based Physics, Lab	4	Math 353 – Differential Equations	3
	CSCI 251 – Programming for Engineering	3	Phys 212/222 – Calc-based Physics, Lab	4
	ME 201 – Engineering Graphics	2	ENGR 309 – Statics	3
	Fine Arts	3	ENGR 321 – Thermodynamics	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16
JUNIOR	Engr 310 – Engineering Analysis I	3	ENGR 323 – Fluid Mechanics	3
	Engr 312 – Mechanics of Materials	3	ME 324 – Introduction to Mechanical Design	3
	ENGR 313 – Materials Science	3	ME 325 – Intermediate Dynamics	3
	ENGR 314 – Materials Science Lab	1	ENGR 361 – Electric Circuit Theory Lab	1
	ENGR 330 – Engineering Systems Analysis	3	ENGR 420 – Engineering Analysis III	3
	Engr 360 – Electric Circuit Theory	3	ECON 310 – Engineering Economy	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
SENIOR	ME 401 – Thermo-Fluid Dynamics	3	ME 402 – Propulsion	3
	ME 416 – Structures and 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, Humanities, Fine Arts	3	Engineering Elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
MINIMUM TOTAL CREDIT HOURS				128



Visit catalog.olemiss.edu/engineering/programs for full course information.