GEOLOGICAL ENGINEERING
Recommended course schedule

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	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
	Geol 103 – Earth Dynamics	4	Geol 106 – Earth History	2
			Humanities	3
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	15
SOPHOMORE	Geol 225 – Mineralogy & Elementary Petrology	5	Geol 314 – Sedimentology & Stratigraphy	4
			CSCI 251 – Programming for Engineering	3
	GE 470 or Geol 500 – Intro to Geographic Information Systems	3	Math 264 – Calculus IV	3
			Phys 212/222 – Calc-based Physics II	4
	ENGR 309 – Statics	3	Fine Arts	3
	Math 263 – Calculus III	3		
	Phys 211/221 – Calc-based Physics I	4	GE 301 – Field Camp I (Summer)	3
	TOTAL CREDIT HOURS	18	TOTAL CREDIT HOURS	17+3
JUNIOR	Geol 305 – Geomorphology	3	Geol 303 – Structural and Tectonic Geol	4
	ENGR 310 – Engineering Analysis I	3	GE 405 – Engineering Geophysics	3
	ENGR 312 – Mechanics of Materials	3	GE 305 – Geomechanics (3 hours) or	3 / 4
	ENGR 340 – Engineering Geology	4	GE 540 – Rock Mechanics (4 hours)	
	Math 353 – Differential Equations	3	ENGR 321 – Thermodynamics	3
			ENGR 323 – Fluid Mechanics	3
			GE 401 – Field Camp II (Summer)	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16/17+3
SENIOR	GE 450 – Hydrogeology	4	GE 421 – Geol. Engr. Design	4
	GE 420 – Subsurface Site Characterization	4	ECON 310 – Engineering Economy	3
		3	GE Tech Elective	3
	Engineering Science Elective	3	Humanities or Fine Arts	3
	Social Science	3		
	Social Science, Humanities or Fine Arts			
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	13
			MINIMUM TOTAL CREDIT HOURS	**132/133**

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

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