

GEOLOGICAL ENGINEERING

Recommended course schedule

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


 Visit engineering.olemiss.edu/advising for full course information.