Ole Miss | School of Engineering

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	Geol 225 – Mineralogy & Elementary Petrology	5	Geol 314 – Sedimentology & Stratigraphy	4
			ENGR 340 – Engineering Geology	4
	ENGR 309 - Statics	3	ENGR 312 – Mechanics of Materials	3
	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
			GE 301 – Field Camp I (Summer)	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	18+3
JUNIOR	ENGR 310 – Engineering Analysis I	3	Geol 303 – Structural and Tectonic Geol	3
	Geol 305 – Geomorphology	3	GE 405 – Engineering Geophysics	4
	GE 470 – Intro. to Geographic Info Sys	3	GE 305 or GE 540 – Geomechanics or Rock Mechanics	3
	Math 353 – Differential Equations	3		
	CSCI 251 – Programming for Engineering	3	ENGR 323 – Fluid Mechanics	3
	Fine Arts	3	Engineering Science Elective	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
			GE Tech Elective	3
	Engineering Science Elective	3	Social Science, Humanities or Fine Arts	3
	Humanities	3		
	Humanities or Fine Arts	3		
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	13
			MINIMUM TOTAL CREDIT HOURS	**132**

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

Updated June 2022