

# GEOLOGY

## 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
	Geol 103 – Earth Dynamics	4	Math 261 – Calculus I	3
	Math 125 – Basic Mathematics for Science and Engineering	3	Geol 106 – Earth History	2
			Social Science	3
	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>
<b>SOPHOMORE</b>	Math 262 – Calculus II	3	Phys 214/224 – Trig-based Physics II	4
	Phys 213/223 – Trig-based Physics I	4	Geol 314 – Sedimentology and Stratigraphy	4
	Geol 225 – Mineralogy & Elementary Petrology	5	Geol 105 – Environmental Geology	3
	Humanities	3	ENGR 340 – Engineering Geology	3
			SPCH 102 or 105 – Public Speaking	3
		GE 301 – Field Camp I (Summer)	3	
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>17+3</b>
<b>JUNIOR</b>	ENGR 310 – Engineering Analysis I	3	ECON 310 – Engineering Economy	3
	Geol 305 – Geomorphology	3	Geol 303 – Structural and Tectonic Geology	3
	Writ 250 – Advanced Composition	3	Fine Arts	3
	Geol 309 – Invertebrate Paleontology	4	Social Science	3
	CSCI 251 or 111 – Programming for Engineering	3	Geol/GE Elective	3
		GE 401 – Field Camp II (Summer)	3	
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15+3</b>
<b>SENIOR</b>	GE 450 – Hydrogeology	4	Geol/GE Elective	3
	GE 470 – Intro. to Geographic Info System	3	Humanities	3
	GE 420 – Subsurface Site Characterization	4	General Elective 1	3
	Geol 420 or 520 – Optical Mineralogy or Igneous & Metamorphic Petrology	3	General Elective 2	3
	<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>12</b>
<b>MINIMUM TOTAL CREDIT HOURS</b>				<b>124</b>



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