

FOUR YEAR PLAN TO COMPLETE THE BS DEGREE EARTH SCIENCE -Engineering Geology  
 (GEOLBS02) 131 units required. Department of Geological Sciences

Semester 1

Course	Units
UNIV 100	1
Composition or Oral Communication	3
GEOL 102: Physical Geology	3
GEOL 104: Physical Geology Lab	1
MATH 122 (GE B.2)	4
Critical Thinking	3
<b>TOTAL UNITS</b>	<b>15</b>

Semester 2

Course	Units
Oral Communication or Composition	3
GEOL 240: Historical Geology	4
CHEM 111A (GE B.1.b)	5
MATH 123 (GEOL 105- optional - 1unit)	4
<b>TOTAL UNITS</b>	<b>16</b>

Semester 3

Course	Units
GE class	3
GEOL 250: Intro Field Methods	3
MATH 224	4
CHEM 111B	5
<b>TOTAL UNITS</b>	<b>15</b>

Semester 4

Course	Units
GEOL 273: Computers & Statistics	4
PHYS 151	4
BIOL 200 (GE B.1.a)	4
GE class	3
<b>TOTAL UNITS</b>	<b>15</b>

Semester 5

Course	Units
GEOL 322: Mineralogy/Optical Miner.	5
GEOL 477: Hydrogeology	3
PHYS 152	4
GE class	3
<b>TOTAL UNITS</b>	<b>15</b>

Semester 6

Course	Units
GE Capstone course	3
GEOL 428: Igneous/Meta Petrology	4
GEOL 433: Structural Geology	5
GE class	3
CE 205	3
<b>TOTAL UNITS</b>	<b>18</b>

Summer Between Semester 6 & 7, or after Semester 8

Course	Units
GEOL 450	4

Semester 7

Course	Units
GE Capstone course	3
GE class	3
GEOL 443: Stratigraphy/Sedimentology	5
CE 345	3
CE 346	1
GEOL 460: Geophysics	3
<b>TOTAL UNITS</b>	<b>18</b>

Semester 8

Course	Units
C E 445	3
MAE 373	3
GE Capstone course	3
GE class	3
GE class	3
<b>TOTAL UNITS</b>	<b>15</b>

TOTAL MAJOR UNITS (W/ PREREQS):	91
TOTAL GE UNITS:	40
OTHER:	
<b>TOTAL UNITS ON 4-YEAR PLAN:</b>	<b>131</b>