

## Advising Sheet: B.S.G. Geology

(Revised Sept 2021)

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Fall					Spring				
Freshman:	Hrs	Grade	Sem	Prereq/Coreq		Hrs	Grade	Sem	Prereq/Coreq
Geol 103 Earth Dyn.	(4)			Geology and GE majors only		Geol 106  Earth History	(2)		Geol 103
Writ 101	(3)					Writ 102	(3)		Writ 101 or Hon 101
Math 125 Basic Math for Engr.	(3)			(Math 121 and 123 may substitute for Math 125)		Math 261 Calc. I	(3)		Math ACT 24, or a B in Math 125 or Bs in both Math 121 and 123
Chem 105	(3)			Math ACT 24 (SAT 580), or Math 125 (min B), or Chem 101, or Bs in Math 121 and 123		Chem 106	(1)		Chem 105 (min C)
Chem 115	(1)			<b>Chem 105</b>		Chem 116	(3)		<b>Chem 106</b>
						SS Elective I	(3)		
Sophomore:									
Geol 225  Min.-Pet.	(5)			Geol 103 (min C), Chem 105		Geol 314  Sed.-Strat.	(4)		Geol 103 (min C)
Math 262 Calc. II	(3)			Math 261 (min C)		Engr 340  Engr. Geology	(4)		Chem 105 (min C) / Math 262, Phys 211 or 213
Phys 213	(3)			Math 125 or 261		Phys 214	(3)		Phys 213
Phys 223	(1)			<b>Phys 213</b>		Phys 224	(1)		<b>Phys 214</b>
Hum Elective I	(3)					Geol 105  Environ. Geology	(3)		
						General Elective I	(1)		
				<b>Summer</b>		GE 301 Field Camp I	(3)		Geol 225 (min C), Geol 314
Junior:									
Geol 305  Geomorph.	(3)			Geol 103 (min C)		Geol 303  Struct. and Tectonics	(4)		Geol 225 (min C) (not recommended without Geol 305 first)
Writ 250	(3)			Writ 102 or Hon 102		FA Elective	(3)		
Geol 309  Invert. Paleontology	(4)			Geol 103 (min C)		SS Elective II	(3)		
CSCI 251 (or 111) Programming for Engr.	(3)			<b>Math 261</b> (CSCI 111 requires Math ACT of 22, or a pre-req of Math 121 or above)		Engr 310 Engr. Analysis	(3)		
Geol/GE Elective I (GE 405 or 503)	(3)			Phys 212 or 214		General Elective II	(3)		
				<b>Summer</b>		GE 401 Field Camp	(3)		GE 301, Geol 303 (min C), Geol 305, Engr 340 (min C)
Senior:									
GE 450  Hydrogeol.	(4)			Math 262		Geol/GE Elective II	(3)		Any Geol/GE/ Engr > 300
GE 470  or Geol 500	(3)					Hum Elective II	(3)		
GE 420  Subsurface Site Char.	(4)			GE 301, Geol 303 (min C), Engr 340 (min C) / <b>Geol 305, GE 450</b>		Econ 310 Engr. Econ.	(3)		
Geol 420 Optical Min. or 520  Ign.-Metam. Petrology	(3)					Spch 102 or 105	(3)		

Must have at least 6 hrs of Social/Behavioral Sciences courses (SS), 6 hrs of Humanities (H), 3 hrs of Fine Arts courses (FA), and 4 hrs (General Elective) in any other course from the university catalog.  
 Geol/GE Electives are two courses from the following list: GE 405, GE 413, GE 415, GE 430, GE 490, GE 503, GE 510, GE 511, GE 513, GE 540, Geol 518, Geol 530, Geol 550. It is mandatory to take either GE 405 or GE 503.

Social Sciences (6 hrs)	Hum (6 hrs)	Fine Arts (3 hrs)	General Electives (4 hrs)

An anchor means a course is only taught in a designated semester. However, the class may be taught in Summer session(s).

**TOTAL = 124 HOURS**