

Four-Year Model Plan:  
**Bachelor of Science Geology**

<b>Fall</b>		<b>Spring</b>	
ENGL 101 College English I	3	ENGL 102 College English II	3
COMM 111 Public Speaking	3	MATH 242 Calculus I	5
GEOL 111 General Geology	4	General Education Social and Behavioral Science <sup>1</sup>	3
MATH 112 Pre-calculus	5	General Education Humanities* <sup>1</sup>	3
	15		14
<b>Fall</b>		<b>Spring</b>	
CHEM 211 General Chemistry I	5	CHEM 212 General Chemistry II	5
MATH 243 Calculus II	5	STAT 370 Elementary Statistics	3
GEOL 312 Historical Geology	4	General Education Humanities*	3
Elective	2	General Education Fine Arts	3
	16		14
<b>Fall</b>		<b>Spring</b>	
GEOL 320 Mineralogy and Optical Mineralogy	4	GEOL 324 Petrology and Petrography	3
GEOL 522 Sedimentology and Stratigraphy	4	GEOL 570 Biogeology	3
PHYS 213 General College Physics I/Lab or PHYS 313/PHYS 315 Physics for Scientist I/Lab	5	PHYS 214 General College Physics II/Lab or PHYS 314/PHYS 316 Physics for Scientist II/Lab	5
BIOL 106/107 Human Org./Lab or BIOL 210 Gen. Biology I	4	General Education Social and Behavioral Science *	3
	17		14
<b>Fall</b>		<b>Spring</b>	
Geology Elective	3	GEOL 544 Structural Geology	3
Geology Elective	3	Geology 540 Field Mapping Methods	3
GEOL Elective	3	Upper Division General Education S&B Science	3
Upper Division General Education Humanities	3	Open elective	3
	12		12
<b>Summer</b>			
GEOL 640 Field Geology	6		

\*Fairmount College of Liberal Arts and Sciences requires all students to complete Literature and either U.S. History or American Politics

<sup>1</sup> All incoming freshman are required to take one First-Year Seminar as part of their General Education program.