



**MOLLOY
UNIVERSITY**

Please refer to degree audit for your specific degree requirements.

Earth and Environmental Science: Geoscience B.S.

FRESHMAN			
Fall Courses		Spring Courses	
BIO 1260 General Biology I	4	BIO 1270 General Biology II	4
CHE 1320 Inorganic Chemistry I	4	CHE 1330 Inorganic Chemistry II	5
ENV 1010 Intro to Env Issues	3	MAT 1180* or General Education	3
FST 1000 Freshman Studies	1	ENV 1020 Found Earth Sys Sci	3
ENG 1100 English Composition	3		
Total Credits	15	Total Credits	15

SOPHOMORE			
Fall Courses		Spring Courses	
CHE 2000 Organic Chemistry I	4	ESC 2XXX Oceanography	3
BIO 1500 Ecology	3	ENV 2570 Sci Research Techniques	2
MAT 1150A or Elementary Statistics	3	ESC 2XXX Coastal Geomorphology	3
ESC 2XXX Physical Geology	3	General Education Requirement	6
General Education Requirement	3	PED 1220 Physical Fitness	1
Total Credits	16	Total Credits	15

JUNIOR			
Fall Courses		Spring Courses	
ENV 4800 Research in ENV/ESC	3	ENV 4910 Senior Research Thesis	2
MAT 2210 Calculus I	4	ESC/ENV 2000/3000 Level Elective	3
ESC/ENV 2000/3000 Level Elective	3	General Education Requirement	3
General Education Requirement	3	Elective	3
ENV 3300 Data Analysis ENV	3	ETH 2550 Environmental Ethics	3
Total Credits	16	Total Credits	14

SENIOR			
Fall Courses		Spring Courses	
ENV 4600 Internship	3	ESC 4900 Seminar	2
PHY 2700 General Physics I	4	General Education Requirement	6
CORE	4	ESC/ENV 2000/3000 Level Elective	3
General Education Requirement	3	Elective	3
Elective	1		
Total Credits	15	Total Credits	14
9/30/22		Total Credits to Graduate	120

*Students must take MAT 1180 (PreCalculus) the spring of their freshmen year if they did not take it in high school. It is a prerequisite for MAT 2210 (Calculus) which students take in the fall of their junior year.