

Geology - Secondary Education Track

General Education Requirements				Major Requirements		
				C- or better is required in all major requirements, a 2.0 average is required in supporting courses, and the cumulative average of these courses must be a 2.0		
Fundamental Studies				Requirements	Credits	Grade
Requirements: __credits	Course	Credits	Grade	Benchmark 1 Requirements		
Academic Writing AW	ENGL101			Four 3-4 cr. major courses, including CHEM131/132 or 135/136		
Professional Writing PW				Three 3 cr. GenEd courses***		
Oral Comm. OC	GEOL393*					
Math MA						
Analytic Reasoning AR	MATH140			Benchmark 2 Requirements		
Distributive Studies				Two 3-4 cr. Upper-level major courses		
Requirements: __credits	Course	Credits	Grade	Math140, 141		
Natural Science Lab NL	GEOL100** & GEOL110**				4	
Natural Sciences NS	GEOL120**				3	
History/Social Sciences HS						
History/Social Sciences HS						
Humanities HU				Major Requirements		
Humanities HU				GEOL100 & GEOL110 or GEOL120 & GEOL110	4	
Scholarship in Practice SP	GEOL394****			GEOL102	4	
Scholarship in Practice SP (non major)				GEOL322	4	
I-Series				GEOL340	4	
Normally double counted with Distributive Studies				GEOL341	4	
Requirements: __credits	Course	Credits	Grade	GEOL393	3	
I-Series IS				GEOL394	3	
I-Series IS				GEOL443	4	
***GEOL124, ***GEOL200, ***GEOL204		3		GEOL490	6	
Diversity (overlap permitted with Distrib. Studies and/or I-series)				Three of the following:		
				• GEOL212	3	
Requirements: __credits	Course	Credits	Grade	• GEOL342	4	
Understanding Plural Soc. UP				• GEOL/AOSC375	3	
Understanding Plural Soc. UP or Cultural Competency CC				• GEOL444	4	
				• GEOL445	4	
				• GEOL451	3	
				Major Supporting Sequence (2.0 average)		
Experiential Learning- optional (overlap permitted with other requirements/courses)				One of the following:		
Requirements: __credits	Course	Credits	Grade	* ASTR100	3	
				• ASTR101	4	
				• AOSC200	3	
				CHEM131 & CHEM132 or CHEM135 & CHEM136	4	
Students must earn a minimum of 120 credits to complete a degree.				MATH140	4	
Requirements for Graduation:				MATH141	4	
<input type="checkbox"/> At least 30 credits must be earned at UMD				PHYS141 or PHYS161 & PHYS174 or PHYS171 & PHYS174	4	
<input type="checkbox"/> 15 of the final 30 credits must be earned at the 300-400 level				Six credits chosen from the following:		
12 upper level major credits must be earned at UMD				• EDPL 210	3	
* Obtaining approval of GEOL393 as a GenEd oral communications credit is an aspiration of Geology for the current academic year.				• EDPL 301	3	
				• EDHD 413	3	
				• EDHD 426	3	
				• EDCI 463	3	

**Indicates courses that are options for satisfying major requirements but are not absolutely required.

*** Excluded from the 2.0 average calculation

Geology Secondary Educ. Track Four Year Academic Plan

Year 1	Fall	Spring
	Credit Grade	Credit Grade
Benchmark Requirements: Four 3 cr. major courses and three GenEd 3 cr. courses must be completed before 30 cr.	See CMNS Policy http://www.cmns.umd.edu/undergraduate/4yearplans.htm ENGL101 (AW) 3 ____ History/Social Sciences* 3 ____ CHEM131 or CHEM135 3 ____ CHEM132 or CHEM136 1 ____ GEOL100/110 (NL) 4 ____ GEOL120 (NS) 3 ____ Total 14 ____	Elective 3 ____ GEOL322 4 ____ GEOL102 4 ____ MATH140 (AR) 4 ____ Total 15 ____
Year 2		
Benchmark 2 Requirements MATH140, 141 PHYS141 or 161/174 Two 4 credit major courses	Humanities (HU)* 3 ____ MATH141 4 ____ GEOL341 4 ____ Supporting Elective 3-4 ____ Total 14-15 ____	Elective 3 ____ History/Social Sciences (HS)* 3 ____ GEOL Elective 3-4 ____ PHYS141 or PHYS161/174 4 ____ Total 13-14 ____
Year 3		
Humanities (HS)* 3 ____ Schol. In Practice/non-major (SP) 3 ____ GEOL Elective 3-4 ____ Education elective 3 ____ Total 13-14 ____	Elective 3 ____ Elective 3 ____ GEOL340 4 ____ GEOL443 4 ____ Total 14 ____	
Summer	GEOL490 6 ____ Total 6 ____	
Year 4		
ENGL39X (PW) 3 ____ Elective 3 ____ GEOL393 4 ____ Education elective 3 ____ Total 13 ____	GEOL Elective 3-4 ____ GEOL394 Schol. In Practice 3 ____ Elective 6 ____ CMNS390** Oral Comm 3 ____ Total 15 - 16 ____	

*All students must complete two Distributive Studies courses that are approved I-Series courses.
 Students must also complete Understanding Plural Society and Cultural Competence courses that may also fulfill a Distributive Studies category.
 **Students must complete CMNS390 if they have not already completed a course that meets the Oral Communications requirement.