

Geology- Professional Track

General Education Requirements				Major Requirements		
				C- or better is required in all major requirements, 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
Academic Writing AW	ENGL101			Four 3-4 cr. major courses, including CHEM131/132 or 135/136		
Professional Writing PW				Three GenEd course ***		
Oral Comm. OC	GEOL393*					
Math MA						
Analytic Reasoning AR	MATH140					
Distributive Studies				Benchmark 2 Requirements		
<i>Requirements: __ credits</i>				Course	Credits	Grade
Natural Science Lab NL	GEOL100** & GEOL110*			MATH140, 141		
Natural Sciences NS	GEOL120**			Two 3- 4 cr. upper level major courses		
History/Social Sciences HS						
History/Social Sciences HS						
Humanities HU						
I-Series				Major Requirements		
Normally double counted with Distributive Studies				GEOL100 & GEOL110 or GEOL120 & GEOL110		
<i>Requirements: __ credits</i>				GEOL102		
I-Series IS				GEOL322		
I-Series IS				GEOL340		
Diversity						
(overlap permitted with Distributive Studies and/or I-series)						
<i>Requirements: __ credits</i>				GEOL341		
Understanding Plural Soc. UP				GEOL342		
Understanding Plural Soc. UP or Cultural Competency CC				GEOL393		
				GEOL394		
				GEOL444 or GEOL445		
				GEOL446		
				GEOL451		
				GEOL423		
				GEOL443		
				GEOL490		
Experiential Learning- optional				Major Supporting Sequence (2.0 average required)		
(overlap permitted with other requirements/courses)				CHEM131&CHEM132 or CHEM135&CHEM136		
<i>Requirements: __ credits</i>				Course	Credits	Grade
				MATH140		
				MATH141		
				PHYS141 or PHYS161&PHYS174 or PHYS171&PHYS174		
Students must earn a minimum of 120 credits to complete a degree.				One of the following:		
Requirements for Graduation:				*PHYS142 or PHYS260&PHYS261 or PHYS272		
<input type="checkbox"/>				• BIOM301		
At least 30 credits must be earned at UMD						
<input type="checkbox"/>				• Either of GEOL 444, GEOL 445, not already completed to meet the requirements above or any other 3-4 credit 300 or 400 level Geology course not listed above		
15 of the final 30 credits must be earned at the 300-400 level						
<input type="checkbox"/>				***Excluded from the 2.0 average calculation		
12 upper level major credits must be earned at UMD						

* Obtaining approval of GEOL393 as a GenEd oral communications credit is an aspiration of Geology

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

Geology Professional Track Four Year Academic Plan

Year 1	Fall	Spring
	Credit Grade	Credit Grade
Benchmark 1 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* (HS) 3 _____ CHEM131 or CHEM135 3 _____ CHEM132 or CHEM136 1 _____ GEOL100/110 (NL) 3 _____ GEOL120 (NS) 1 _____ Total 14	Elective 3 _____ Humanities* (HU) 3 _____ GEOL322 4 _____ GEOL102 4 _____ MATH140 (AR) 4 _____ Total 18
Year 2		
	Credit Grade	Credit Grade
Benchmark 2 Requirements MATH140, 141 PHYS141 or 161/174 Two 4 credit major courses <i>Major Requirements</i> See CMNS policy http://www.cmns.umd.edu	Supporting Electives 3 - 4 _____ Elective 3 _____ MATH141 4 _____ GEOL341 4 _____ Total 14 - 15	History/Social Sciences* (HS) 3 _____ Humanities* (HU) 3 _____ GEOL342 4 _____ PHYS141 or PHYS161/174 4 _____ Total 14
Year 3		
	Credit Grade	Credit Grade
	Elective 3 _____ Schol. In Prac * (SP) Non major 3 _____ GEOL423 3 _____ GEOL444 or GEOL445 4 _____ Total 13	Elective 3 _____ Elective 3 _____ GEOL443 4 _____ GEOL340 4 _____ Total 14
Summer	GEOL490 6 _____	
Year 4		
	Credit Grade	Credit Grade
	Supporting Elective 3-4 _____ GEOL393 (OC) 4 _____ ENGL39x (PW) _____ Elective 3 _____ Total 13 - 14	Elective 3 _____ GEOL451 3 _____ GEOL394 Schol in Practice (SP) 3 _____ GEOL Elective 3 _____ Total 15

*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.