Secondary Science Education/Geology Double Major

Name:			
General Education Re	quirements		
Fundamental Stu	idies		
Requirements:	Course	Credits	Grade
Academic Writing (AW)	ENGL 101	3	
Professional Writing (PW)		3	
Oral Comm. (OC)		3	
Math (MA)	MATH 140	4	
Analytic Reasoning (AR)	MATH 140	-	
Distributive Stu	Idies		
Requirements:credits	Course	Credits	Grade
Natural Science Lab (NL)	GEOL 100/110	4	
Natural Sciences (NS or NL)	CHEM 131/132	4	
History/Social Sciences (HS)	TLPL 414	3	
History/Social Sciences (HS)		3	
Humanities (HU)		3	
Humanities (HU)		3	
Scholarship in Practice (SP)	GEOL 394	3	
Scholarship in Practice (SP, non major)	TLPL 101 & TLPL 102	3	
I-Series Normally double counted with I	Distributive Studies		
Requirements: credits	Course	Credits	Grade
I-Series (IS)		3	
I-Series (IS)		3	
Diversity (overlap permitted with Distributive	Studies and/or I-series)		
Requirements: credits	Course	Credits	Grade
Understanding Plural Soc. (UP)		3	
Understanding Plural Soc. (UP) or Cultural Competency (CC)	TLPL 401	3	
Experiential Learning	- opitional		
(overlap permitted withother red	•		
Requirements:credits	Course	Credits	Grade
			- /-
		_	n/a
Students must earn a minimum of 120 credits to complete a degree.			n/a
Requirements for Graduation:			
At least 30 credits must be earned at UMD			
A reast so creates must be earned at OND			
15 of the final 30 credits must be earned at the 300-400 level			

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Year 1	Fall	Cr.	Spring	Cr.
Benchmark Requirements	TLPL 101	1	TLPL 102 (SP in combination with TLPL 101)	
AW with C- or higher	ENGL 101 (AW)	3	GEOL 102	
MA with C- or higher	MATH 140 (MA/AR)	4	GEOL 322	
GEOL 100 and 102	GEOL 100 or GEOL 120 (NL in combination with GEOL 110)	3	MATH 141	
	GEOL 110	1	Oral Communication (OC)	
	CHEM 131/132 (NL) or CHEM 135/136	4		
	UNIV 100	1		
	Total	17	Total	1
Year 2	Fall	Cr.	Spring	Cr
Benchmark 2 Requirements	PHYS 161/174	4	Upper Level GEOL (from list)	
MATH 140	ASTR (per GEOL Advising)	3	GEOL 340	
CHEM 131/132 or CHEM 135/6	TLPL 414 (HS)	3	EDHD 426	
PHYS 141	HISTORY/SOCIAL SCIENCES (HS)*	3	Upper Level GEOL (from list)	
	Elective		Elective*	
Test of Basic Skills	Total	16	Total	17
Year 3	Fall	Cr.	Spring	Cr.
Gateway Requirements	GEOL 342	4	Upper Level GEOL (from list)	
TLPL 401 with B- or higher	GEOL 423	4	TLPL 415	
Apply to the COE by Dec. 1st	Professional Writing (PW)		GEOL 341	
Minimum 2.75 cumulative GPA	TLPL 401 (CC)	-	GEOL 393	
	HUMANITIES (HU)*	-	GEOL 443	
	Total	17	Total	1
	<u>SUMMER: GEOL 490 (6) (Prerequisite: C</u>	GEOL 3	<u>341 & 443)</u>	1
Year 4	Fall	Cr.	Spring	Cr.
	YEARL	ONG II	NTERNSHIP	
	GEOL 394 (SP)	3	TLPL 421	
	TLPL 425	3	TLPL 489F	1
	TLPL 479F	1	TLPL 488B	
	HUMANITIES (HU)*	3		
	Elective	3		
	Elective	3		

This is a proposed plan and the College of Education does not guarantee that these courses will be offered in the designated semester. Consult the Schedule of Classes for class availability

and meeting times.
*All students must complete two Distribute Studies courses that are approved for I-series courses. Students must complete Understanding Plural Society and Cultural Competence courses that may also fulfill a Distributive Studies category.

Students must also meet with their Academic Advisor in CMSC / GEOL Department to discuss the Geology course requirements.

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JLC 02/11/2021