

Earth Science Bachelor of Arts Major/Pre-Professional Secondary Education Minor Suggested Academic Plan

Use the Earth Science Endorsement Requirements Checklist on the MSME Website for more information and guidance on course selection.

Year 1	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>Students must complete all Madison Foundations courses by end of first year.</i>	C1HC or C1CT	3	CHEM 131 (C3PP)	3	*Take ALEKS/Praxis Core Math	
	C5WD	3	CHEM 131L	1	*Complete CPR/First Aid/AED	
	MATH 205 (C3QR)	3	WRTC 103 (C1W)	3		
	Structural Geology Course (C3NS)	3	C1HC or C1CT	3		
	GEOL 110L (C3L)	1	EDUC 200	3		
	GEOL 167 (fall only)	3	GEOL 230	4		
	*Attend TE meeting in November.					
	Total Credits	16	Total Credits	17	Total Credits	
Year 2	Fall	Cr.	Spring	Cr.	Summer	Cr.
	Foreign Language 101	4	Foreign Language 102	4		
	C2VPA	3	GEOL 320	3		
	GEOL 211 (C3NS) or GEOL 401 (fall only)	3	GEOL 377 (spring only)	3		
	BIO 140	3	GEOL 291	1		
	BIO 140L	1	Math #2 (recom. MATH 220)	3		
	MSSE 210	3	PSYC 160 (C5SD)	3		
			*Be admitted to TE by 3/1			
	Total Credits	17	Total Credits	17	Total Credits	
Year 3	Fall	Cr.	Spring	Cr.	Summer	Cr.
<i>Enrollment in MSSE 370 and MSSE 371 requires admission to the Teacher Education Program and must be completed no later than spring of junior year.</i>	GEOL 307 (fall only) or ASTR 220	3	MSSE 370	3		
	GEOL 367 (fall only)	4	MSSE 371	1		
	PHYS 140	3	Foreign Language 232 (BA Language)	3		
	PHYS 140L	1	C2HQC	3		
	Foreign Language 231	3	C4GE	3		
	MSSE 101	1	Philosophy (BA Req.)	3		
	Total Credits	15	Total Credits	16	Total Credits	
Year 4	Fall	Cr.	Spring	Cr.	Summer - GRAD	Cr.
<i>MSSE 370, MSSE 371, and MSSE 210, must be completed before enrolling in MSSE 414, MSSE 415, and LED 440.</i>	MSSE 414 (fall only)	3	GEOL 491	2	EDUC 540 (spring/summer)	3
	MSSE 415	3	GEOL 477 (spring only)	4	EXED 512 (spring/summer)	3
	LED 440	3	C4AE	4	MSSE 607 (summer/fall)	3
	GEOL 387 (fall only)	4	Cognate Elect. (see catalog for options)	4	MSSE 625 (spring/summer)	3
	C2L	3				
	*Attend Student Teaching meeting.		*Apply to graduate undergrad.		*Passing score on Praxis SA required by August 15.	
	*Apply to Graduate School		*Attempt Praxis SA by 3/1.			
	Total Credits	16	Total Credits	14	Total Credits	12

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Year 5	Fall - GRAD	Cr.	Spring - GRAD	Cr.	Summer	Cr.
	MSSE 544 (fall only)	3	MSSE 650	3	<i>*Apply for Teaching License</i>	
	MSSE 549 (fall only)	3	MSSE 675 #1 (student teaching)	3		
	MSSE 620 (spring/fall)	3	MSSE 675 #2 (student teaching)	3		
	MSSE 630 (fall only)	3				
	<i>*Apply to graduate Graduate School</i>		<i>*graduate Graduate School</i>			
	Total Credits	12	Total Credits	9	Total Credits	

Notes:

- The General Education area codes (C3PP, C2L, etc.) are used in this plan to minimize text. Please reference the General Education Planner found on the General Education website (www.jmu.edu/gened) for more information.
- Bolded classes should stay in the semester in which they are planned due to pre-requisites, co-requisites, or the term the course is offered. Talk with your Pre-professional Secondary Education minor advisor if you think you need or would like to take a bolded course in a different semester.