

# Math Bachelor of Science Major/Pre-Professional Secondary Education Minor Suggested Academic Plan

Use the Mathematics 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>  <i><sup>1</sup>If you place into MATH 231, then take MATH 232 in Spring and MATH 236 in Summer.</i>	C5WD	3	MATH 236 (BS Quantitative Reasoning)	4	*Take ALEKS/Praxis Core Math	
	C1HC or C1CT	3	MATH 229	3	*Complete CPR/First Aid/AED	
	WRTC 103 (C1W)	3	EDUC 200	3		
	MATH 235 (C3QR) <sup>1</sup>	4	C4GE	3		
	PSYC 160 (C5SD)	3	C1HC or C1CT	3		
	*Attend TE meeting in November.					
	<b>Total Credits</b>	16	<b>Total Credits</b>	16	<b>Total Credits</b>	
Year 2	Fall	Cr.	Spring	Cr.	Summer	Cr.
	MATH 237	4	MATH 300	3		
	MATH 245	3	MATH 329	3		
	C3PP/C3NS	3	MSSE 210	3		
	MATH 248	4	MATH 336	3		
	MSSE 101	1	C3PP/C3NS	3		
			C3Lab	1		
			*Be admitted to TE by 3/1			
	<b>Total Credits</b>	15	<b>Total Credits</b>	16	<b>Total Credits</b>	
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 fall of senior year.</i>	MATH 310 or MATH 315	3	MATH 410	3		
	MATH 475 (fall only)	3	C2VPA	3		
	MSSE 370	3	Elective	3		
	MSSE 371	1	C4AE	4		
	C2HQC	3	Elective	3		
	Elective	3				
	<b>Total Credits</b>	16	<b>Total Credits</b>	16	<b>Total Credits</b>	
Year 4	Fall	Cr.	Spring	Cr.	Summer - GRAD	Cr.
<i>MSSE 370, MSSE 371, and MSSE 210, must be completed before enrolling in MSSE 413, MSSE 415, and LED 440.</i>	C2L	3	MATH 415 (spring only)	3	EDUC 540 (spring/summer)	3
	BS Scientific Literacy	3	<b>MSSE 413 (spring only)</b>	3	<b>EXED 512 (spring/summer)</b>	3
	Elective	3	<b>MSSE 415</b>	3	<b>MSSE 607 (summer/fall)</b>	3
	MATH 430	3	LED 440	3	<b>MSSE 625 (spring/summer)</b>	3
	MATH 470 (fall only)	3	(Optional elective)	(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.			
		<b>Total Credits</b>	15	<b>Total Credits</b>	12	<b>Total Credits</b>

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Year 5	Fall - GRAD	Cr.	Spring - GRAD	Cr.	Summer	Cr.
	<b>MSSE 543 (fall only)</b>	3	<b>MSSE 650</b>	3	<i>*Apply for Teaching License</i>	
	<b>MSSE 548 (fall only)</b>	3	<b>MSSE 675 #1 (student teaching)</b>	3		
	<b>MSSE 620 (spring/fall)</b>	3	<b>MSSE 675 #2 (student teaching)</b>	3		
	<b>MSSE 630 (fall only)</b>	3				
	<i>*Apply to graduate Graduate School</i>		<i>*graduate from Graduate School</i>			
	<b>Total Credits</b>	12	<b>Total Credits</b>	9	<b>Total Credits</b>	

## 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](http://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.