



**MA in STEM Education: Math – Online Option**

For Math, there are 4 required courses (12 credits hours). In consultation and with approval from your faculty advisor, select 5 courses from the Thematic Course Categories to customize your learning (15 credits). For instance, you may want to customize your Thematic Course Categories selections for elementary or secondary. Finally, take a research course (3 credits) for a total of 30 credits. **\*This degree plan does not include a license or an endorsement.**

<b>Degree Components</b>	<b>Courses</b>	<b>Credits</b>	<b>Semester Completed</b>
<b>Concentration Core; 12 credits required</b>			
Core Course 1	MTED 5621: A world of different numbers	3	
Core Course 2	MTED 5622: Expanding Conceptions of Algebra	3	
Core Course 3	MTED 5623: Geometrical Reasoning	3	
Core Course 4	MTED 5070 - (Re)Humanizing the Teaching and Learning of Mathematics	3	
<b>Total Concentration Core</b>		<b>12</b>	
<b>Choice of 5 courses from the Thematic Course Categories; 15 credits required</b>			
The following are things to think about when selecting your thematic courses:			
<ol style="list-style-type: none"> <li>1. Use this opportunity to explore additional subjects and develop a well-rounded general knowledge of your area of study.</li> <li>2. Choose courses that will help you develop a deeper understanding of a specific subject area within your degree discipline.</li> <li>3. Choose courses that are relevant to your personal and professional goals.</li> <li>4. Select classes that appeal to your interests and strengths.</li> <li>5. Consider courses that will build or increase a specific skill set.</li> <li>6. If you're considering a PhD, consider taking a statistics course.</li> <li>7. Opt for a course that addresses your weaknesses.</li> <li>8. Find courses that embrace your passions.</li> <li>9. Choose classes that will help you hone your skills in research or where you can learn a new skill to enhance your abilities beyond your current skill set.</li> <li>10. Consult with your faculty advisor to ensure you're selecting a coherent group of courses that will enhance your learning.</li> </ol>			
Course 1		3	
Course 2		3	
Course 3		3	
Course 4		3	
Course 5		3	
<b>Total Thematic Course Categories Credits</b>		<b>15</b>	
Concentration Research Course	RSEM _____ To be decided by student with their Faculty Advisor	3	
Concentration Capstone Course	MTED _____ The Capstone is completed in your final core course	0	
<b>Total Credit Hours</b>		<b>30 minimum</b>	