

# M.A. IN MATHEMATICS - MATHEMATICS EDUCATION CONCENTRATION

*College of the Sciences and Mathematics*

## Curriculum

Code	Title	Credits
<b>Required Courses</b>		
MAT 515	Algebra I	3
MAT 516	Algebra II	3
MAT 532	Geometry I	3
MAT 545	Real Analysis I	3
MAT 546	Real Analysis II	3
STA 505	Mathematical Statistics I	3
<b>Electives <sup>1</sup></b>		<b>15</b>
Select 15 credits from the following:		
MAT 503	History Of Mathematics	
MAT 513	Linear Algebra	
MAT 514	Theory of Numbers	
MAT 521	Discrete Mathematics & Graph Theory	
MAT 533	Geometry II	
MAT 575	Complex Analysis I	
MTE 507	Foundations of Secondary Mathematics Education	
MTE 508	Jr. High School Math - Curriculum, Instruction, and Assessment	
MTE 512	Sr. High School Math - Curriculum, Instruction and Assessment	
MTE 604	Research Seminar	
STA 506	Mathematical Statistics II	
STA 511	Intro Stat Computing & Data Management	
<b>Total Minimum Credits Required</b>		<b>33</b>

<sup>1</sup> Elective courses to be scheduled in advance on a rotating basis.  
Students selecting the Thesis Option take the following Electives:  
MAT 609, Thesis I (3) and MAT 610, Thesis II (3)