

# MATHEMATICS CONCENTRATION

## Requirements for a Mathematics Concentration

Code	Title	Hours
<b>Mathematics Content Focus</b>		
MTH 1321	Calculus I <sup>1</sup>	3
MTH 1322	Calculus II <sup>1</sup>	3
MTH 2321	Calculus III	3
MTH 2311	Linear Algebra	3
MTH 3300	Foundations of Mathematics	3
MTH 3312	Combinatorics and Algebra	3
MTH 3323	Introduction to Analysis	3
MTH 3340	Mathematics through Technology	3
MTH 3350	Structure of Modern Geometry	3
STA 3381	Probability and Statistics	3
Any upper level MTH or STA course		3
<b>Teacher Education Courses</b>		
TED 3340 & TED 3383	Teaching Associate Secondary Part I and Secondary Mathematics Practicum I	6
TED 3341 & TED 4348	Teaching Associate Secondary Part II and Secondary Mathematics Curriculum	6
TED 4348	Secondary Mathematics Curriculum	3
TED 4349	Critical Issues in Mathematics Education	3
TED 4640 & TED 4641	Internship Secondary Part I and Internship Secondary Part II	12
TED 4642 & TED 4643	Internship Secondary Part III and Internship Secondary Part IV	12
<b>Total Hours</b>		<b>75</b>

<sup>1</sup> This course may be used to fulfill a portion of the math general education requirement.