

## MATHEMATICS

Bachelor of Science - Secondary Education  
2011-2012 Catalog Year

**This 4-Year Plan is only a suggested guide for planning course selections.**

Official course selections should be made with the guidance of an academic advisor and will depend on an individual student's situation. Specific information regarding majors, minors, course descriptions, policies and procedures can be found in the university catalog.

	FALL		SPRING	
<b>YEAR I</b>	ENG1000: Introduction to Academic Writing	4	IDS1600: Culture, Diversity, and Expression	4
	MTH2200: Calculus I	4	MTH2220: Calculus II	4
	COM1500: Human Communication	4	General Education Course (KO, ONW, AP)	4
	General Education Course (KO, ONW, AP)	4	General Education Course (KO, ONW, AP)	4
	<b>Total Semester Hours</b>	<b>16</b>	<b>Total Semester Hours</b>	<b>16</b>
<b>YEAR II</b>	ENG2010: Composition II	4	IDS2000: Wellness and Social Responsibility	4
	EDU2200: Standards/Foundation of Ed.	4	MTH3320: Modern Geometry	3
	MTH2230: Calculus III	4	EDU2260: Theories of Learning	4
	MTH3270: Discrete Mathematics	3	General Education Course (KO, ONW, AP)	4
	<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>15</b>
<b>YEAR III</b>	MTH4450: Abstract Algebra	3	<b>EDU3720: Reading Across the Curriculum</b>	4
	CSC1500: Computer Science I	4	PSY3460: Exceptional Individual	3
	PSY3350: Child/Adolescent Psychology (KO-A) (WI)	4	MTH4260: Number Theory	3
	MTH3240: Probability and Statistics	3	MTH Selected Course	3
	MTH3250: Linear Algebra	3	<b>*EDU2900: Pre-Teaching</b>	1
	<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>14</b>
<b>YEAR IV</b>	<b>*MTH3820: Methods of Teaching Sec. Mth.</b>	4	<b>*EDU4750: Student Teaching</b>	12
	MTH4990: Senior Seminar in Mathematics	1		
	** EDU3440: Middle School Missions and Methods	4	<b>*EDU4760: Student Teaching Seminar</b>	3
	** EDU4360: Method of Teaching Middle School Math	3		
	General Education Course (KO, ONW, AP)	4		
<b>Total Semester Hours</b>	<b>16</b>	<b>Total Semester Hours</b>	<b>15</b>	

NOTES
KO = Knowing Ourselves and Others A and B ONW = Our Natural World AP = Aesthetic and Philosophical Expression A and B
Courses in <b>bold</b> require acceptance into the College of Education
* Indicates the course must be applied for 1 year in advance
** required if students want to earn a Middle School Endorsement (grades 6-8) in Math

NOTES
Student must complete 30 semester hours at the 3000 level or above, of which 15 semester hours must be completed at Aurora University.
Last 24 semester hours of degree must be completed at Aurora University, including at least 18 semester hours in the major.
WI indicates the required 3000-level Writing Intensive course.

If you have questions about this major, contact **Travis Ramage** in the Crouse Center for Student Success at (630) 844-6870.

