

MATHEMATICS

Bachelor of Science - Secondary Education
2009-2011 Catalog

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	
YEAR I	ENG1000: Preparatory & Introductory Composition	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
	Total Semester Hours	16	Total Semester Hours	16
YEAR II	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
	MTH3250: Linear Algebra	3		
Total Semester Hours	17	Total Semester Hours	15	
YEAR III	**MTH4260: Number Theory OR MTH4450: Abstract Algebra	3	PSY3460: Exceptional Individual	3
	CSC1500: Computer Science I	4	General Education Course (KO, ONW, AP)	4
	PSY3350: Child/Adolescent Psychology	4	General Education Course (KO, ONW, AP)	4
	MTH3240: Probability and Statistics	3	EDU3720: Reading Across the Curriculum	4
	* EDU2900: Pre-Teaching	1		
	Total Semester Hours	15	Total Semester Hours	15
YEAR IV	MTH4990: Senior Seminar in Mathematics	1	* EDU4750: Student Teaching	12
	**MTH4260: Number Theory OR MTH4450: Abstract Algebra	3	* EDU4760: Student Teaching Seminar	3
	MTH Selected Course	3		
	3000-level WI Course	3-4		
	* MTH3820: Methods of Teaching Sec. Mth.	4		
	Total Semester Hours	13-15	Total Semester Hours	15

NOTES
KO = Knowing Ourselves and Others A and B ONW = Our Natural World AP = Aesthetic and Philosophical Expression A and B
Courses in bold require acceptance into the College of Education
* Indicates the course must be applied for 1 year in advance ** Indicates a course that is offered every other fall

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.