

Mathematics Secondary Education, B.A. at Aurora University

Waubonsee Community College Associate in Arts (A.A.) or Associate in Science (A.S.)

First Year – Semester I (16 S.H.)	
WCC	AU
ENG 101 First-Year Composition I (3)	ENG1000 Introduction to Academic Writing
MTH131 Calculus with Analytic Geometry I (4)	MTH2210 Calculus I
EDU200 Introduction to Education (3)	EDU2100 Foundations of Teaching & Learning
IAI Social or Behavioral Sciences Course (3)	Elective
PSY 100 Introduction to Psychology (3)	PSY1100 General Psychology

First Year – Semester II (16-17 S.H.)	
WCC	AU
COM 100 Fundamentals of Speech Communications (3)	COM1550 Professional Communication
IAI Physical Science (3-4) (4)	Elective
IAI Fine Arts Course (3)	Elective
MTH132 Calculus with Analytic Geometry II (4)	MTH2220 Calculus II
EDU210 Education Psychology (3)	EDU2260 Learning Theories and Applications K-12

Second Year – Semester I (15-17 S.H.)	
WCC	AU
IAI Life Science (3-4)	Elective
MTH233 Calculus with Analytic Geometry III (4)	MTH2230 Calculus III
ENG102 First-Year Composition II (3)	ENG elective
EDU220 Introduction to Special Education (3)	SPED2120 Characteristics/Identification of Disabilities & The Law
Social Awareness and Personal Growth (2-3)	General Elective

Second Year – Semester II (16 S.H.)	
WCC	AU
CIS150 Java Programming (3)	CSC1700 Introduction to Computer Programming
IAI Humanities Arts Course (3)	Elective
IAI Social or Behavioral Sciences Course (3)	Elective
IAI Humanities or Fine Arts Course (Non-Western or Diversity) (3)	Elective
MTH236 Introduction to Linear Algebra (4)	MTH3250 Linear Algebra
Total Semester Hours Completed after Year 2	63 Semester Hours

Please note you may also need to complete other requirements

Students who transfer with an A.A or A.S. will also need to have completed at least 60 semester hours.

Our majors are intentionally designed to allow you to minor and still complete your degree quickly.

Mathematics Secondary Education Bachelor of Arts

Year 3 suggestions

AU Course Number	AU Course Title	Semester Hours
IDS3500	Junior Mentoring	1
EDU3620	Teaching and Assessing Diverse Learners in the Secondary Classroom	4
EDU3720	Reading Across the Curriculum	4
MTH3240	Probability and Statistics I	4
MTH3270	Discrete Mathematics	4
MTH3320	Modern Geometry	4
SPED4620	Collaboration Models for Inclusion	4
Elective		4
SOEHP requirements	School of Education application and Statement of Understanding	
SOEHP requirements	Fingerprinting/Criminal Background Check in Kane County and TB test	
SOEHP requirements	ISBE Content Exam	
SOEHP requirements	Must apply for student teaching a year in advance	
Total Year 3 Semester Hours		29

Year 4 Suggestions

MTH3720	Mathematics for the Secondary Classroom	4
MTH/CSC3820	Secondary Methods in Mathematics and Computer Science	4
MTH4260	Number Theory	4
MTH4450	Abstract Algebra	4
EDU4750	Student Teaching	13
EDU4760	Student Teaching Seminar	2
Total Year 4 Semester Hours		31
Total Semester Hours Completed at AU		60
Total Semester Hours Completed at Waubensee Community College		63
Total Semester Hours for B.A. Elementary Education		123

The School of Education is continuously redesigning its program based on current research, ISBE mandates, state law and the university's conceptual framework. All teacher candidates must be cognizant of the possibility that a redesign may alter requirements listed in the catalog and the program of the student could be subjected to new required program changes.