

**Waubensee Community College & Aurora University
Mathematics Secondary Education 2+2**

First Year at WCC

First Semester

Second Semester

WCC	AU	WCC	AU
ENG 101 First-Year Composition I (3)	ENG 1000 Introduction to Academic Writing(4)	MTH 131 Calculus with Analytic Geometry I (4)	MTH 2210 Calculus and Analytic Geometry I (4)
MTH 129 Precalculus I (3)	MTH 1100 College Algebra (4)	EDU 210 Educational Psychology (3)	EDU 2260 Learning Theories and Applications K-12 (4)
MTH 130 Precalculus II (3)	MTH 1310 Precalculus (4)	COM 100 Fundamentals of Speech Communications (3)	COM 1560 Public Speaking (4)
EDU 200 Introduction to Education (3)	EDU 2100 Foundations of Teaching and Learning (4)	IAI Physical Science (3)	Elective (4)
PSY 100 Introduction to Psychology (3)	PSY 1100 General Psychology (4) (General Education, Human Inquiry)	IAI Fine Arts Course* (3)	(General Education, Artistic Literacy) (4)

TOTAL: 15

TOTAL: 16

Second Year at WCC

Third Semester

Fourth Semester

WCC	AU	WCC	AU
MTH 132 Calculus with Analytic Geometry II (4)	MTH 2220 Calculus and Analytic Geometry II (4)	MTH 233 Calculus with Analytic Geometry III (4)	MTH 2230 Calculus and Analytic Geometry III (4)
EDU 220 Introduction to Special Education (3)	SPED 2120 Characteristics/Identification of Disabilities & The Law (4)	CIS 150 Java Programming (3)	CSC 1700 Introduction to Computer Programming (4)
ENG 102 First-Year Composition II (3)	ENG Elective (4)	IAI Science (3)	Elective
IAI Life Science w/Lab(4)	Elective (4)	IAI SBS Elective* (3)	Elective
IAI Humanities Course* (3)	(General Education, Cultural Literacy) (4)		

TOTAL: 17

TOTAL: 13

*Must complete 1 Course with a Non-Western (N) or diversity (D) emphasis to satisfy A.S. degree requirement at WCC, including options in bold below.

FINE ARTS (AU Artistic Literacy) –

ART 115, 130, 151, 152, 154, 155, 231, 232; MUS 104, 105, 106, 107, 145, 146; THE 100, 122, 124; CMS 106

SBS – (one of these, AU Human Inquiry) –

PSY 100, 212, 214, 218; PSY/SOC 215; SOC 100, 201, 209, 210, 220

SBS - (one of these, AU Cultural Literacy) –

HIS 101, 102, 115, 116, 119, 120, 121, 130, 131, 140, 141, 151, 152, 180, 189, 190; ATR 120, 210, 220; GEO 116, 216

Third Year Suggestions at Aurora University

AU Course Number	AU Course Title	Semester Hours
MTH 2500	Problem Solving, Modeling and Design	4
MTH 3250	Linear Algebra	4
MTH 3240	Probability and Statistics I	4
MTH 3320	Applied Geometry	4
MTH 4300	Introduction to Real Analysis	4
EDU 3200	Content Area Methods for the Secondary Classroom	4
EDU 3240	Secondary Methods in Mathematics and Computer Science	4
SPED 4620	Collaboration Models for Inclusion	4
IDS 3500/3550	Junior Mentoring	1

Fourth Year Suggestions at Aurora University

MTH 4450	Abstract Algebra	4
MTH 4990	Senior Capstone in the Mathematical Sciences	4
EDU 3720	Reading Across the Curriculum	4
EDU 3620	Teaching and Assessing Diverse Learners in the Secondary Classroom	4
EDU 4750	Student Teaching	13
EDU 4760	Student Teaching Seminar	2