

**Waubensee Community College & Aurora University**  
**Chemistry BS Secondary Education 2 + 2**

**First Year at WCC**

**First Semester**

<b>WCC</b>
ENG 101 First-Year Composition I (3)
MTH 129 Precalculus (3)
MTH 130 Precalculus II (3)
CHM 121 General Chemistry I (4)
BIO 120 Principles of Biology I (4)

**TOTAL: 17**

**Second Semester**

<b>AU</b>	<b>WCC</b>	<b>AU</b>
ENG 1000 Introduction to Academic Writing	ENG 102 First-Year Composition II (3)	English Elective (4)
MTH 1100 College Algebra	PSY 100 Introduction to Psychology (3)	PSY 1100 General Psychology
MTH 1310 Precalculus or elective	CHM 122 General Chemistry II (4)	CHM 1320/Z General Chemistry II
CHM 1310/Z General Chemistry I	MTH 131 Calculus with Analytic Geometry I (4)	MTH 2210 Calculus I
BIO1210/Z General Biology I	IAI Humanities Course (3)	General Elective

**TOTAL: 17**

**Second Year at WCC**

**Third Semester**

<b>WCC</b>
COM 100 Fundamentals of Speech Communication (3)
EDU 200 Introduction to Education (3)
MTH 132 Calculus with Analytic Geometry II (4)
CHM 231 Organic Chemistry I (4)
IAI Fine Arts (3)

**TOTAL: 17**

**Fourth Semester**

<b>AU</b>	<b>WCC</b>	<b>AU</b>
COM 1560 Public Speaking (4)	CHM 232 Organic Chemistry II (4)	CHM 2420/Z Organic Chemistry II
EDU 2100 Foundations of Teaching and Learning	EDU 220 Introduction to Special Education (3)	SPED 2120 Characteristics/Identification of Disabilities and the Law
MTH 2220 Calculus II	SOC 100 Introduction to Sociology (3)	SOC 1100 Introduction to Society
CHM 2410/Z Organic Chemistry I	EDU 210 Education Psychology (3)	EDU 2260 Learning Theories and Applications K-12
General Elective		

**TOTAL: 13**

**Third Year at Aurora University**

**Fifth Semester**

IDS 3500 Junior Mentoring (0.5)
CHM 3510 Physical Chemistry (3)
CHM 3510Z Physical Chemistry I Lab (1)
CHM 2450 Analytical Chemistry (3)
CHM 2450Z Analytical Chemistry Lab (1)
EDU 3720 Reading Across the Curriculum (4)
BIO 1220/Z General Biology II/Lab (4)
PHY 2240/Z Physics I/Lab (4)

**Sixth Semester**

IDS 3550 Junior Mentoring (0.5)
CHM 3520 Physical Chemistry II (3)
CHM 3650 Instr. Methods of Analysis (3)
CHM 3650Z Instr. Methods of Analysis Lab (1)
EDU 3620 Teach/Assess Diverse Learners in Secondary Classroom (4)
PHY 2250/Z Physics II/Lab (4)
NSM 1400 Earth and Space Science (4)

**Fourth Year at Aurora University**

**Seventh Semester**

CHM 3570 Inorganic Chemistry of Materials (4)
CHM 3555 Biochemistry (3)
CHM 3555Z Biochemistry Lab (1)
CHM 4500 Chemical Research Methods (1)
SPED 4620 Collaboration Models for Inclusion (4)
EDU 3200 Content Area Methods for the Secondary Classroom (4)

**Eighth Semester**

EDU 4750 Student Teaching (13)
EDU 4760 Student Teaching Seminar (2)

FINE ARTS (AU Artistic Literacy) – ART 100, MUS 100, THE 100, THE 201

SBS 1 (one of these, AU Human Inquiry) - PSY 100, PSY 220, SOC 100

SBS 2 (one of these, AU Cultural Literacy) - HIS 121, HIS 122, HIS 101 (N), HIS 102 (N), ANT101 (N)

\*One course satisfying degree requirements must have a non-Western (N) or diversity (D) emphasis.

\*\*Course is optional. Can be taken at Waubensee or Aurora University.

