

Waubensee Community College & Aurora University
Chemistry 2 + 2 (or 2 + 2 + 1)

First Year at WCC

First Semester

WCC

AU

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)

ENG 1000 Introduction to Academic Writing
MTH 1100 College Algebra
MTH 1310 Precalculus or elective
CHM 1310/Z General Chemistry I (4, Scientific Inquiry)
BIO 1210/Z General Biology I with lab

Second Semester

WCC

AU

ENG 102 First-Year Composition II (3)
IAI SBS course 1
MTH 131 Calculus with Analytic Geometry I
CHM 122 General Chemistry II (4)
Humanities course* (3)

English Elective
General Education (4, Human Inquiry)
MTH 2210 Calculus I (4, Quant and Formal Reasoning)
CHM 1320/Z General Chemistry II (4)
General Elective

Second Year at WCC

Third Semester

WCC

AU

COM 100 Fundamentals of Speech Communication (3)
CHM 231 Organic Chemistry I (4)
PHY 221 General Physics I (5)
MTH 131 Calculus with Analytic Geometry II (3)

COM 1550 Professional Communication
CHM 2410/Z Organic Chemistry I (4)
PHY 2240/Z Physics I (4, calculus based)
MTH 2220 Calculus II (4)

Fourth Semester

WCC

AU

CHM 232 Organic Chemistry II (4)
Fine Arts course*(3)
PHY 222 General Physics II (5)
IAI SBS course 2 (3)

CHM 2420/Z Organic Chemistry II (4)
General Education (4, Artistic Literacy)
PHY 2250/Z Physics II (4, Calculus based)
General Education (4, Cultural Literacy)

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.

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)
Elective (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)
Elective (4)

Fourth Year at Aurora University

Seventh Semester

CHM 3570 Inorganic Chemistry of Materials (4)
CHM 3555 Biochemistry (3)
CHM 3555Z Biochemistry Lab (1)
Elective (4)
Elective (4)

Eighth Semester

CHM 4500 Chemical Research Methods (1)
Elective (4)
Elective (4)
Elective (4)
Elective (4)

Fifth Year at Aurora University – Plus One MAT (Master of Arts in Teaching)

Summer	Fall	Spring
EDU 6180 Methods of ESL/BE education (3)	EDU 6195 Methods of Reading (3)	EDU 6780 Secondary Student Teaching Seminar (1)
EDU 6185 Methods of Teaching Exceptional Children (3)	EDU 6245 Methods of Teaching and Assessing Diverse Learners in Secondary classroom (3)	EDU 6260 Methods of Educational Research (1)
EDU 6190 Methods of Educational Psychology (3)	EDU 6205 Methods of Content Area Literacy (3)	EDU 6730 Student Teaching (10)

	EDU 6270 or 6280 or 6285 or 6275 Methods of Teaching Secondary English (Science or Social Studies or Mathematics) (3)	
--	--	--