

Elgin Community College & Aurora University
BS Biology with Master of Arts in Teaching (2 + 2 + 1)

First Year at ECC

First Semester

ECC

AU

ENG 101 English Composition I (3)
MTH 112 College Algebra (4)
BIO 113 Molecular & Cellular Biology (4)
Fine Arts Gen Ed* (3)
Humanities Gen Ed* (3)

ENG 1000 Composition (4)
MTH 1100 College Algebra (4)
BIO 1210/Z General Biology I (4)
General Education (4, Artistic Literacy)
Elective (4)

Second Semester

ECC

AU

CMS 101 Fundamentals of Speech (3)
MTH 120 Statistics I (4)
BIO 114 Organismal Bio, Evolution, Ecology (4)
Elective (3)

COM 1550 Professional Communication (4)
MTH 2320 General Statistics (4, Quant and Form Reason)
BIO 1220/Z General Biology II (4)
Elective (4)

Second Year at ECC

Third Semester

ECC

AU

CHM 142 General Chemistry I (5)
MTH 114 Trigonometry (3)
ENG 102 English Composition II (3)
Behavioral Science Gen Ed* (3)
Elective (3)

CHM 1310/Z General Chemistry I (4, Scientific Inquiry)
MTH 1310 Precalculus or elective (4)
English Elective (4)
General Education (4, Human Inquiry)
Elective course (4)

Fourth Semester

ECC

AU

CHM 143 General Chemistry II (5)
Elective course (3)
Elective (3-4)
Social Science Gen Ed* (3)

CHM 1320/Z General Chemistry II (4)
Elective (4)
Elective (3-4)
General Education (4, Cultural Literacy)

*Must complete 1 Human Relations (Non-Western/Human Diversity course) to satisfy A.S. degree requirement at ECC, 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 at Aurora University

Fifth Semester

IDS 3500 Junior Mentoring (0.5)
BIO 3400 Genetics (4)
CHM 2410/Z Organic Chemistry I (4) or CHM 2450/Z Analytical Chemistry
Elective Course (4)
Elective Course (4)

Sixth Semester

IDS 3550 Junior Mentoring (0.5)
BIO3530 Evolution (4)
BIO 2280/Z Microbiology (4)
Elective Course (4)
Elective Course (4)

Fourth Year at Aurora University

Seventh Semester

Select one: BIO 3790, BIO 4990, BIO 3940, BIO 3970 (2-4)
BIO 3555/Z Biochemistry (4) or BIO 3600/Z Molecular Biology
BIO 3510/Z Ecology (4)
Elective Course (4)

Eighth Semester

Select one: BIO 3790, BIO 4990, BIO 3940, BIO 3970 (2-4)
Elective Course (4)
Elective Course (4)
Elective Course (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)	