

**Elgin Community College & Aurora University**  
**BS Biology 2 + 2 plan**

**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)