

# Biology Secondary Education, B.S. at Aurora University

Elgin Community College Associate in Arts (A.A.) or Associate in Science (A.S.) Degree

First Year – Semester I (17 S.H.)	
ECC	AU
ENG101 English Composition I (3)	ENG1000 Composition
MTH112 College Algebra (4) – prereq chem	MTH1100 College Algebra
PSY100 Introduction to Psychology (3)	PSY1100 General Psychology
APS101 Earth Science (4)	NSM1400 Earth Science
EDN100 Introduction to Education (3)	EDU2100 Foundations of Teaching and Learning

First Year – Semester II (16 S.H.)	
ECC	AU
CMS101 Fundamentals of Speech (3)	COM1550 Professional Communication
MTH114 Trigonometry (3) – prereq physics	MTH1310 Precalculus
BIO113 Molecular & Cellular Biology (4)	BIO1210/Z Biology of Cells
PSY212 Child Psychology (3)	PSY3350 Child and Adolescent Psychology
EDN204 Exceptional Individual (3)	SPED2120 Characteristics/Identification of Disabilities & The Law

Second Year – Semester I (18 S.H.)	
ECC	AU
ENG102 English Composition II (3)	ENG elective
IAI Humanities Course (3)	Elective
PSY211 Educational Psychology (3)	EDU2260 Learning Theories and Applications K-12
PHY101 General Physics I (5)	PHY2210/Z Physics I
BIO114 Organismal Biology, Evolution, Ecology (4)	BIO1220/Z Biology of Organisms

Second Year – Semester II (17 S.H.)	
ECC	AU
IAI Fine Arts Course (3)	Elective
MTH102 General Education Statistics (3) – Is this needed??	MTH2320 General Statistics
CHM142 General Chemistry I (5)	CHM1310/Z General Chemistry I
IAI Social and Behavioral Sciences Course (3)	Elective
IAI Humanities or Fine Arts Course (3)	Elective
<b>Total Semester Hours Completed after Year 2</b>	<b>68 Semester Hours</b>

\*Please note you may also need to complete other requirements\*

Students who transfer with an A.A or A.S. will also need to have completed at least 60 semester hours.

Our majors are intentionally designed to allow you to minor and still complete your degree quickly.

## Biology Secondary Education Bachelor of Science

*Year 3 suggestions*

<b>AU Course Number</b>	<b>AU Course Title</b>	<b>Semester Hours</b>
IDS3500	Junior Mentoring	1
BIO2200	Humans and the Environment	4
BIO2300/Z	Introduction to Zoology	4
BIO2350/Z	Introduction to Botany	4
BIO3400	Genetics	4
CHM1320/Z	General Chemistry II	4
EDU3620	Secondary Methods of Teaching, Learning, Motivation and Assessment	4
EDU3720	Reading Across the Curriculum	4
PHY2220/Z	General Physics II	4
SOEHP requirements	School of Education application and Statement of Understanding	
SOEHP requirements	Fingerprinting/Criminal Background Check in Kane County and TB test	
SOEHP requirements	ISBE Content Exam	
SOEHP requirements	Must apply for student teaching a year in advance	
	<b>Total Year 3 Semester Hours</b>	<b>33</b>

### Year 4 Suggestions

BIO3510	Ecology	4
BIO3530	Evolution	4
BIO3820	Secondary Methods in Biology	4
3 Selected Biology Courses	Biology Elective	12
SPED4620	Collaboration Models for Inclusion	4
	<b>Total Year 4 Semester Hours</b>	<b>28</b>

### Year 5 Suggestions

EDU4750	Student Teaching	13
EDU4760	Student Teaching Seminar	2
	<b>Total Year 5 Semester Hours</b>	<b>15</b>
	<b>Total Semester Hours Completed at AU</b>	<b>76</b>
	<b>Total Semester Hours Completed at ECC</b>	<b>68</b>
	<b>Total Semester Hours for B.A. Elementary Education</b>	<b>144</b>

The School of Education is continuously redesigning its program based on current research, ISBE mandates, state law and the university's conceptual framework. All teacher candidates must be cognizant of the possibility that a redesign may alter requirements listed in the catalog and the program of student could be subjected to new required program changes.