

Pathway - BIOLOGY

Ecology, Evolution and Environment

Ecology, Evolution and Conservation (Pending Name Change)

Southwestern Illinois College

Southern Illinois University Edwardsville

Associate in Science

Bachelor of Science

Fall Year 1

Fall Year 3

SWIC Course		Hours
ENG 101	Rhetoric and Comp I	3
² MATH 191	Introduction to Statistics	4
² BIOL 101	Principles of Biology I	4
² CHEM 105	General Chemistry I	5
HES XXX	Human Well Being	2
Total		18

SIUE Course		Hours
BIOL 3XX-4XX	Molecular Cell and Biology	4
BIOL 365	Ecology	4
MATH 125	Pre-Calculus	3
Elective	Elective	4
Total		15

Spring Year 1

Spring Year 3

SWIC Course		Hours
ENG 102	Rhetoric and Comp II	3
² BIOL 102	Principles of Biology II	4
² CHEM 106	General Chemistry II	5
¹ IAI Behavioral Sci	Behavioral Science	3
Total		15

SIUE Course		Hours
BIOL 3XX-4XX	Biology EEE Elective	4
BIOL 327	Evolution	3
¹ PHYS 131/131L	College Physics I	5
IS	Interdisciplinary Course	3
Total		15

Fall Year 2

Fall Year 4

SWIC Course		Hours
COMM 151	Public Speaking	3
² CHEM 201	Organic Chemistry I	5
¹ IAI Humanities	Humanities	3
² BIOL 270	Genetics	4
Total		15

SIUE Course		Hours
BIOL 492	Biological Colloquium	1
BIOL 4XX	Biology EEE Elective	4
¹ PHYS-132/132L	College Physics II	5
BIOL 4XX	Biology EEE Elective	4
Elective	Elective	1
Total		15

Spring Year 2

Spring Year 4

SWIC Course		Hours
² CHEM 202	Organic Chemistry II	5
¹ IAI Social Science	Social Science	3
^{2,3} IAI AS MATH	IAI AS MATH	5
¹ IAI Fine Arts	Fine Arts	3
Total		16

SIUE Course		Hours
BIOL 492m/497	Colloquium II/Sr. Assignment	1
BIOL 4XX	Biology EEE Elective	4
BIOL 3XX-4XX	Biology Elective	4
Elective	Elective	3
Elective	Elective	3
Total		15

Associate in Science Degree Total 64

Completion of Bachelor of Science degree 124

¹Students must complete one Non-Western and one Human Relations course for Associate degree.

²All science and math courses must receive a grade of "C" or higher.

³Students must take IAI AS approved Math course. If students elect to take MATH 203 (recom) MATH 114 is a prerequisite.

¹PHYS 151/152 can be substituted for PHYS 131/132.

** Students must complete 50% or more of SIUE degree requirements at SIUE (120 hours required for graduation).