

**SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE**

**Pathway - BIOLOGY  
Ecology, Evolution and Conservation**

**Southwestern Illinois College**

**Associate in Science**

**Fall Year 1**

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

**Spring Year 1**

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

**Fall Year 2**

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

**Spring Year 2**

SWIC Course		Hours
<sup>2</sup> CHEM 202	Organic Chemistry II	5
<sup>1</sup> IAI Social Science	Social Science (EREG Recomm.)	3
<sup>2,3</sup> IAI AS MATH	IAI AS MATH	5
<sup>1</sup> IAI Fine Arts	Fine Arts	3
<b>Total</b>		<b>16</b>

**Associate in Science Degree Total 64**

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

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

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

\*Students must complete 50% or more of degree requirements at SIUE.

\*A course that satisfies both the ERGU and EREG requirement will only be counted as one and not both.

Transfer students should have a 2.0 GPA in science and mathematics courses taken at other colleges and universities.

**Southern Illinois University Edwardsville**

**Bachelor of Science**

**Fall Year 3**

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

**Spring Year 3**

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

**Fall Year 4**

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

**Spring Year 4**

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
<b>Total</b>		<b>15</b>

**Completion of Bachelor of Science degree 124**

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