

**Southwestern Illinois College**

**Associate in Science**

**ENVIRONMENTAL SCIENCE**

**(Specializations available in Environmental Management, Toxicology, and Health.)**

Completion of an Associate in Arts or Science degree at Southwestern Illinois College fulfills SIUE's general education requirements with the exception of an Interdisciplinary Studies course that all students must take during their junior and senior year at SIUE.

This "Transfer Program Guide" is an **example** of proposed curriculum for students to use while completing their associate's degree. Reading, writing and math placement could alter the course sequencing and transfer date. Therefore, students should begin sequencing their reading/writing (if applicable) and math & science courses during the first semester, paying close attention to prerequisites. Students have the option of taking summer classes to lessen fall and spring course loads.

It is highly recommended that students meet with a SWIC advisor each semester. For additional information please contact the SIUE coordinator for advising and partnership programs in MC 1070. Please see "Important Student Notes" located on page two of this transfer guide.

**Fall Year 1**

<b>SWIC Course</b>		<b>Hours</b>
ENG 101	Rhetoric & Composition I	3
MATH 191	Introduction to Statistics	4
BIOL 101	Principles of Biology I	4
COMM 151	Fundamentals of Public Speaking	3
IAI	IAI Behavioral Science	3
<b>Total</b>		<b>17</b>

**Spring Year 1**

<b>SWIC Course</b>		<b>Hours</b>
ENG 102	Rhetoric & Composition II	3
MATH 203	Analytic Geometry & Calculus I	5
BIOL 102	Principles of Biology II	4
ECON 201	Principles of Economics I (Macro)	3
<b>Total</b>		<b>15</b>

**Fall Year 2**

<b>SWIC Course</b>		<b>Hours</b>
PHYS 204 <sup>1</sup>	Physics-Mechanics	4
BIOL 270	Genetics	4
CHEM 105 <sup>2</sup>	General Chemistry I	5
IAI	IAI Human Well Being	2
Elective		2
<b>Total</b>		<b>17</b>

**Spring Year 2**

<b>SWIC Course</b>		<b>Hours</b>
PHYS 205 <sup>1</sup>	Physics-Heat, Elec & Magnetism	4
CHEM 106 <sup>2</sup>	General Chemistry II	5
IAI	IAI Fine Arts	3
IAI	IAI Humanities	3
<b>Total</b>		<b>15</b>

**Associate in Science Degree Total                      64**

<sup>1</sup>Students may substitute PHYS 151 and 152 (College Physics I & II) for PHYS 204 and 205.

<sup>2</sup>Students may substitute CHEM 101 and 103 (Intro Chem and Intro Organ/Bio) for CHEM 105 and 106.

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IMPORTANT STUDENT NOTES:

The preceding information is provided to assist students in the transfer process. In no way does this document substitute for meeting with an academic advisor. Students are advised to meet on a regular basis with advisors at SWIC and SIUE. Courses taken through dual credit can be applied to required SIUE coursework, please contact SWIC advisor for more information. **The Associate degree requires students to complete one Human Relations course and one Non-Western Course. These requirements may be met with a Fine Arts, Humanities, Social Science, or Behavioral Science.**

Students majoring in Environmental Science have the option of specializing in Environmental Management, Environmental Toxicology, or Environmental Health.

Students have 2 options when pursuing a Bachelor's degree in Environmental Science.

- A Bachelor of Arts degree will require 2 semesters of the same foreign language, which can be taken at either SWIC or SIUE, in addition to 8 Humanities and/or Fine Arts Courses (some of which will be completed with the Associate degree.)
- A Bachelor of Science degree will require completion of 8 courses in life, physical, or social science, in addition to 2 courses with a lab component (all of which will be met with the completion of the Associate degree.)

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

DECLARATION REQUIREMENTS

- A cumulative GPA of 2.0 or higher (on a 4.0 scale)

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