

ASSOCIATE IN SCIENCE: BIOLOGY PRE-MAJOR



CONTACT US

For general questions, contact:

advising@swic.edu

For Biology questions, contact department chair:

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618-222-5275

AREA OF INTEREST

Science, Technology, Engineering, & Mathematics

TOTAL CREDITS REQUIRED

64

CATALOG YEAR

2022-2023

PROGRAM

Associate in Science

TYPE

Transfer

ACADEMIC PLAN

0002

TUITION

\$8,128 plus books fees

CAMPUS LOCATIONS

Belleville

Sam Wolf Granite City

Red Bud Online



DESCRIPTION

Biology pre-majors may work toward degrees in organismal biology such as botany, microbiology or zoology; environmental degrees such as ecology, forestry or wildlife biology; professional areas such as pre-dentistry, pre-pharmacy, pre-medicine or pre-veterinary; or education degrees such as elementary, secondary or college science teaching.



EMPLOYMENT OPPORTUNITIES

A variety of careers are open to students who graduate with a bachelor's degree in biology including:

Aquatic biologist	Geneticist
Biomedical scientist	Infection control specialist
Ecologist	Laboratory technician
Fisheries biologist	Marine biologist
Forensic scientist	Microbiologist

[Career Information for Biology Majors](#)



COURSE SEQUENCE BY TERM

The following is the suggested course sequence by term. Please keep in mind:

- The course sequence is laid out by suggested term and may be affected when students enter the program at different times of the year.
- Initial course placement is determined by current district placement measures and/or completion of 100-200 level course and/or program requirements.
- Students should meet with an academic advisor about any concerns that may affect course enrollment.
- **This guide includes course suggestions for students undecided on where they plan to transfer. If you know where you are transferring to for your bachelor's, follow that institution's transfer requirements.**

ASSOCIATE IN SCIENCE: BIOLOGY

Student's Name: _____

Date: _____



Course #	Course Name	Requisites	Taken	Credits
Term 1				
BIOL 101	<i>Principles of Biology I</i>			4
ENG 101	<i>Rhetoric & Comp I</i>			3
MATH 114/ORIE 110**	<i>Trig OR College Success Strategies</i>	<i>MATH 112 with C or higher OR placement</i>		3
CHEM 105	<i>General Chemistry I</i>	<i>CHEM 101 with C or higher OR 1 year of HS Chemistry</i>		5
HES 130	<i>Personal Fitness I</i>			1
Term 2				
ENG 102	<i>Rhetoric & Composition II</i>	<i>ENG 101 with C or higher</i>		3
MATH 203	<i>Calculus I</i>	<i>MATH 114 with C or higher OR placement</i>		5
BIOL 102	<i>Principles of Biology II</i>	<i>Principles of Biology II</i>		4
CHEM 106	<i>General Chemistry II</i>	<i>CHEM 105 with C or higher</i>		5
Term 3				
ART 103/MUS 110	<i>Non-Western Art OR World Music</i>			3
BIOL 270	<i>Genetics</i>	<i>BIOL 101 with C or higher</i>		4
CHEM 201	<i>Organic Chemistry I</i>	<i>CHEM 106 with C or higher</i>		5
SOC 153	<i>Intro to Sociology</i>			3
HES 131	<i>Physical Fitness II</i>	<i>HES 130</i>		1
Term 4				
HUM*	<i>General Humanities*</i>			3
MATH 191	<i>Intro to Statistics</i>	<i>MATH 112 with C or higher OR placement</i>		4
COMM 151	<i>Public Speaking</i>			3
HES 151	<i>Personal Health & Wellness</i>			2
S/S*	<i>Social Science*</i>			3
TOTAL:				64

*See Academic Advisor for course options.

**If student places into Math 114 (CMTH 50), take Math 114 Trigonometry. If student places into Math 203 (Calculus I), take Orie 110.

GET STARTED

Find the [Steps to Enrollment](#) on SWIC.edu

CHOOSE A TRANSFER SCHOOL

[SIUE Biological Sciences Pathway](#)
[EIU Biology Transfer Guide](#)
[Webster University Biology Transfer Guide](#)

4/5/2022