

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				
COMM 151	Public Speaking			3
ORIE 110	College Success Strategies			3
ENG 101	Rhetoric & Comp I			3
BIOL 101	Principles of Biology I			4
MATH 112**	College Algebra**			4
Term 2				
ENG 102	Rhetoric & Composition II	Grade of C or higher in ENG 101		3
MATH 114	Trigonometry	MATH 112 with C or higher		3
BIOL 102	Principles of Biology II			4
ART 103 or MUS 110	Non-Western Arts or World Music			3
SOC 153	Intro to Sociology			3
Term 3				
HUM*	General Humanities*			3
BIOL 270	Genetics	BIOL 101 with C or higher		4
MATH 203	Analytic & Geometry Calc I	MATH 114 with C or higher		5
CHEM 105	General Chemistry I	CHEM 101 with C or higher OR 1 year of HS Chemistry		5
Term 4				
MATH 191	Intro to Statistics	MATH 112 with C or higher		4
CHEM 106	General Chemistry II	CHEM 105 with C or higher		5
HES 151	Personal Health & Wellness			2
S/S*	Social Science*			3
TOTAL:				64

*See Academic Advisor for course options.

**If student places higher than Math 112 through multiple measures OR placement test, please see Academic Advisor for different plan.

[Class Search for course descriptions](#)

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