

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Saginaw Valley State University
Degree/Program	Biological Science (B.S.)
Credits Required	120 credits (33 foundation credits – 43 required credits – At least 11 required elective credits)

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Biology MiTransfer Pathways faculty recommended that students complete a course in the Calculus pathway.

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Cell/Molecular Biology	BIOL*182	Intro to Cell and Molecular Biology	3 credits
	BIOL*182L	Cell and Molecular Biology Lab	1 credit
Organismal Biology	BIOL*181	Intro to Ecology, Evolution, Diversity/Ecology, Evolution, Diversity Lab	3 credits
	BIOL*181L		1 credit
General Chemistry I	CHEM*111	General Chemistry I Lecture	4 credits
	CHEM*111L	General Chemistry I Lab	1 credit
General Chemistry II	CHEM*112	General Chemistry II Lecture	4 credits
	CHEM*112L	General Chemistry II Lab	1 credit
Organic Chemistry I	CHEM*230	Organic Chemistry I Lecture	4 credits
	CHEM*231	Organic Chemistry I Lab	1 credit
Organic Chemistry II	CHEM*330	Organic Chemistry II Lecture	4 credits
	CHEM*331	Organic Chemistry II Lab	1 credit

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add additional lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
General Education Category 3 and Program Requirement *See note below*	MATH*132B	Statistical Methods: Biostatistics	4 credits
General Education Category 3 and Program Requirement	MATH*140 OR MATH*161	Precalculus OR Calculus I	4 credits
General Education Category 4 and Program Requirement	PHYS*111/PHYS*111L and PHYS*112/PHYS*112L OR PHYS*211/PHYS*211L and PHYS*212/PHYS*212L	General Physics I (with lab) and General Physics II (with lab) OR	10 credits OR
		Analytical Physics I (with lab)	10 credits

		and Analytical Physics II (with lab)	
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ADVISING NOTES

Please indicate any advising notes for students following this transfer pathway at your institution.

*See Department Chair for possible course petition regarding MATH*132B.

The Biological Science Major is 1 of 3 majors offered in the Biology Department. The Biological Science Major is designed to produce well-rounded biologists who have a corresponding range of interests or those who wish to experience a breadth of biological concepts. Thus, students in the Biological Science Major will be exposed to multiple sub-disciplines including organismal diversity, genetics and heredity, cell and molecular processes, form and function, and ecological principles. Graduating students will develop a holistic view of biology and have numerous career options in which they can apply their foundational knowledge.

A minor is required.

For more information about Transfer Pathways, please visit: <https://www.svsu.edu/transfer/transferguides/>