BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Saginaw Valley State University
Degree/Program	Environmental Science (B.S.)
Credits Required	120 credits (22 foundation credits – 52 required core credits – 13 elective credits – 6 field research experience 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 BIOL*182L	Intro to Cell and Molecular Biology Cell and Molecular Biology Lab	3 credits 1 credit
Organismal Biology	BIOL*181 BIOL*181L	Intro to Ecology, Evolution, Diversity/Ecology, Evolution, Diversity Lab	3 credits 1 credit
General Chemistry I	CHEM*111 CHEM*111L	General Chemistry I Lecture General Chemistry I Lab	4 credits 1 credit
General Chemistry II	CHEM*112 CHEM*112L	General Chemistry II Lecture General Chemistry II Lab	4 credits 1 credit
Organic Chemistry I	CHEM*230	Organic Chemistry I Lecture	4 credits
Organic Chemistry II	N/A	N/A	N/A

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 w/ Lab and General Physics II w/ Lab **OR** Analytical Physics I w/ Lab and Analytical Physics II w/ Lab	10 credits

General Education Category 4 and Program Requirement	PHYS*106A	Earth & Space Science: Physical Geology	4 credits
Program Requirement	BIOL*211	Botany	3 credits
General Education Category 4 and Program Requirement	GEOG*101	Intro to Physical Geography	3 credits

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.

This is an interdisciplinary major and does not require a minor.

The Bachelor of Science in Environmental Science offers comprehensive training in a variety of disciplines including Biology, Chemistry, and Geography. Students will be prepared for careers with government agencies, non-profit organizations, and businesses, as well as for graduate studies. Required classes provide both a firm scientific foundation and an environmental context for the science. Additionally, the major is characterized with extensive hands-on field and laboratory experiences as well as a required internship. Several electives provide an opportunity for students to customize their degree.

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