

Mid Michigan College Transfer Guide

The Bachelor of Science in Biology (Environmental Biology) is designed to prepare students for entry into the work force or admission into graduate programs in the fields of environmental biology, ecology, and organismal biology. The requirements of the Environmental Biology program are based on the general requirements of the Bachelor of Science in Biology. Specific courses such as Microbial Ecology, Zoology, Plants and Fungi, Plant Physiology, Physical Geology, and Fundamentals of Geographic Information Systems are prescribed to fulfill the requirements of the degree and to best prepare students for future work in the field. The completion of an internship is required.

General Admission Criteria

To be admitted to this degree program, students must have completed at least 12 credits at the time of application with a minimum 2.5 overall GPA including an English and mathematics course, or they must provide their high school records and ACT /SAT scores for admission review. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application.

Course Requirements

Mid Michigan College				Ferris State University		
Course	Ferris Equiv.	Ferris Course Title	Cr. Hrs.	Course	Ferris Course Title	Cr. Hrs.
ENG 111	ENGL 150	English 1	3	ENGL 311 or	Advanced Technical Writing	3
ENG 222	ENGL 250	English 2	3	ENGL 321	or	
SPE 257	COMM 121	Fundamentals of Public Speaking	3	or	Advanced Composition	
MAT 124	MATH 130	Advanced Algebra/Analytical Trigonometry	4	ENGL 323	or	
MAT 212	MATH 251	Statistics for the Life Sciences	3	or	Proposal Writing	
BIO 101	BIOL 121	General Biology 1	8	ENGL 325	or	
and	and	and			Advanced Business Writing	
BIO 201	BIOL 122	General Biology 2		BIOL 218	Microbiology	3
and				BIOL 330	Zoology	4
BIO 203**				BIOL 350	Plants and Fungi	4
CHM 111	CHEM 121	General Chemistry 1	4	BIOL 340	See FSU advisor	3
CHM 112	CHEM 122	General Chemistry 2	4	or		
CHM 241	CHEM 321	Organic Chemistry 1	5	BIOL 345		
CHM 242	CHEM 322	Organic Chemistry 2	5	BIOL 343	See FSU advisor	3
PHY 105	PHYS 211	Introductory Physics 1	4	or		
PHY 106	PHYS 212	Introductory Physics 2	4	BIOL 344		
GEL 101	GEOL 121	Physical Geology	4	or		
Mid Michigan CC	VARIES	FSU General Education - Culture Electives (one must be at FSU 200+ level)	9	BIOL 348		
Mid Michigan CC	VARIES	FSU General Education – Self and Society Electives (one must be FSU 200+ level) (must come from 2 different subject areas)	9	BIOL 375	Principles of Genetics	3
				BIOL 346	Ecological Assessment	3
				or		
				BIOL 347	Environmental Conservation	
				or		
				BIOL 442	Ecology	
				BIOL 453	Plant Physiology	4
				BIOL 460	Current Topics in Biology	2
				BIOL 492	Internship	1-6
				CHEM 324	Fundamentals of Biochemistry	3-4
				or		
				CHEM 364	Biochemistry	
				GISC 225	Principles of GIS	3
				or		
				or		
				GEOG 311	Social Aspects of GIS	
				Total Ferris Credits		36-44
				Total Mid Michigan College Credits		72

**Students must take entire sequence at Community College or take the entire sequence at Ferris State University in order to earn course credit.

Please refer to FSU's General Education Requirements at:

<http://www.ferris.edu/HTMLS/academics/gened/index.htm>.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students are encouraged to work with their Ferris advisor for selection of any electives, to ensure transferability and to minimize credits taken.

Program Offered at:
Main Campus, Big Rapids
College of Arts & Sciences

<http://www.ferris.edu/HTMLS/colleges/>

www.ferris.edu/transfer

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation.

Online Learning

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The "Online Readiness Tutorial" is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

Reverse Transfer Agreement

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Disclaimer

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to the effective and/or revised date on the bottom of the guide.