

The Bachelor of Science in Biology (Pre-Physical Therapy) is designed to prepare students for admission to each of the six professional physical therapy programs in Michigan. These programs generally take three to four years to complete, at which time a Doctor of Physical Therapy degree is obtained. Candidates for admission into a professional physical therapy program must obtain high grades in their preparatory coursework, and they must also complete a minimum number of hours of documented observational or work experience in a physical therapy setting.

The requirements of the Pre-Physical Therapy program are based on the general requirements of the Bachelor of Science in Biology, specifically adjusted for pre-physical therapy students. Coursework in anatomy and physiology, genetics, pathophysiology, exercise physiology, inorganic and inorganic chemistry, biochemistry, physics, psychology, and sociology prepares students for admission into professional programs and for future success in the field.

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	
				ENGL 323	or	
MAT 124	MATH 130	Advanced Algebra/Analytical Trigonometry	4		Proposal Writing	
MAT 212	MATH 251	Statistics for the Life Sciences	3	FSU	Biology Elective (see FSU advisor)	3
BIO 101	BIOL 121	General Biology 1	8	BIOL 300	Pathophysiology	3
and	and	and		BIOL 301	Exercise Physiology	4
BIO 201	BIOL 122	General Biology 2		BIOL 321	Human Anatomy and Physiology 1	8
and				and	and	
BIO 203				BIOL 322	Human Anatomy and Physiology 2	
BIO 210	BIOL 286	Microbiology	3	BIOL 346	Ecological Assessment	3
CHM 111	CHEM 121	General Chemistry 1	4	or	or	
CHM 112	CHEM 122	General Chemistry 2	4	BIOL 347	Environmental Conservation	
PHY 105	PHYS 211	Introductory Physics 1	4	or	or	
PHY 106	PHYS 212	Introductory Physics 2	4	BIOL 442	Ecology	
Mid Michigan CC	VARIABLES	FSU General Education - Culture (one must be at FSU 200+ level)	9	BIOL 375	Principles of Genetics	3
Mid Michigan CC	VARIABLES	FSU General Education – Self and Society (one must be FSU 200+ level) (must come from 2 departments)	9	BIOL 460	Current Topics in Biology	2
				CHEM 214	Fundamentals of Organic Chemistry	4
				CHEM 324	Fundamentals of Biochemistry	3
				MRIS 102	Medical Vocabulary	1
				RMLS 122	Responding to Emergencies	2

Credits Required for Degree **121**

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.