

FERRIS STATE UNIVERSITY

BIOLOGY - PRE-MED TRANSFER GUIDE FOR MUSKEGON COMMUNITY COLLEGE

**Ferris Program:** Biology - Pre-Med  
**Degree Type:** Bachelor of Science  
**Ferris College:** College of Arts, Sciences, and Education  
**Transfer School:** Muskegon Community College (MUSKCC)  
**Consortium Eligible:** No  
**Total Credits Required:** 120-121  
**Catalog Year:** 2024-2025

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.  
Visit the Ferris State [general education page](#) for more information.

Communication Competency

| Ferris Course                                | Ferris Course Title   | Ferris Credit Hours | Transfer Course                           |
|--|---|---------------------|---|
| COMM 105 or COMM 121 or COMM 221             | Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making       | 3                   | No Equivalent or COM 201 or No Equivalent |
| ENGL 150                                     | English 1   | 3                   | ENG 101                                   |
| ENGL 250                                     | English 2   | 3                   | ENG 102 or ENG 221                        |
| ENGL 311 or ENGL 321 or ENGL 323 or ENGL 325 | Advanced Technical Writing or Advanced Composition or Proposal Writing or Advanced Business Writing | 3                   | No Equivalent                             |

Quantitative Literacy Competency

Requirements for Quantitative Literary Competency can be met with the following:

- Official Pre-2016 Math SAT Score of 560 or Higher
- Official Post-2016 Math SAT Score of 580 or Higher
- Official Math ACT Score of 24 or Higher

| Ferris Course        | Ferris Course Title  | Ferris Credit Hours | Transfer Course           |
|----------------------|--|---------------------|---------------------------|
| MATH 114 or MATH 115 | Quantitative Reasoning for Professionals 2 or Intermediate Algebra | 4 or 3              | No Equivalent or MATH 109 |

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## Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course.

| Ferris Course | Ferris Course Title        | Ferris Credit Hours | Transfer Course |
|---------------|----------------------------|---------------------|-----------------|
| Varies        | Natural Sciences Electives | 6                   | Varies          |

## Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|---------------------|---------------------|-----------------|
| Varies        | Culture Electives   | 9                   | Varies          |

## Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, and at least one Self and Society Foundation course.

| Ferris Course | Ferris Course Title        | Ferris Credit Hours | Transfer Course |
|---------------|----------------------------|---------------------|-----------------|
| Varies        | Self and Society Electives | 9                   | Varies          |

## COLLEGE REQUIREMENTS – 81 Credits Required

### Major Requirements

4 Credits Required.

| Ferris Course | Ferris Course Title                          | Ferris Credit Hours | Transfer Course |
|---------------|--|---------------------|-----------------|
| COAS 495      | Integrative Studies Orientation and Capstone | 4                   | No Equivalent   |

### Electives

77 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 77 credits of elective courses to meet the required 120 credit minimum.

| Ferris Course | Ferris Course Title   | Ferris Credit Hours | Transfer Course |
|---------------|---|---------------------|-----------------|
| Varies        | Electives (Advisor Approval)  | Varies              | Varies          |
| COAS 491      | Integrative Studies Internship (Strongly recommended, but not required) | 1-8                 | No Equivalent   |

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## PROGRAM CONTACT INFORMATION

College of Arts, Sciences, & Education

(231) 591-3660

[CASEDeansOffice@Ferris.edu](mailto:CASEDeansOffice@Ferris.edu)

Ferris Statewide - Muskegon Community College

(616) 451-4777

[FerrisMuskegon@Ferris.edu](mailto:FerrisMuskegon@Ferris.edu)

Ferris Online

(231) 591-2340

[Online@Ferris.edu](mailto:Online@Ferris.edu)

## ADMISSION REQUIREMENTS

### New Student Admission Requirements

- 2.50 High School GPA (on a 4.00 scale)
- Minimum Composite ACT Score of 17/SAT 900

### Transfer Student Admission Requirements

- Combined college or university GPA of 2.00 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 transferable semester credit hours or more.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- Completion of ENGL 150 or transfer equivalent of C grade or higher
- Completion of MATH 110 or transfer equivalent of C grade or higher

## MORE INFORMATION

To fulfill the residency requirement for a bachelor's degree a student must earn a minimum of 30 credits from Ferris State University.

### Steps to Apply

- Complete your [free application](#).
- Submit official transcripts
  - Submit official transcripts from every school attended to [Transfer@Ferris.edu](mailto:Transfer@Ferris.edu)
  - Or mail to:  
Ferris State University Admissions Office  
1201 S. State St., CSS 201  
Big Rapids, MI 49307
- Submit test scores (if required)
  - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
  - SAT, CLEP and AP Scores; go to the [College Board website](#) - Ferris State University School Code: 1222

### Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, transfer policies and have any questions answered prior to completing an application. Ferris accepts transfer courses in which the student earned a letter grade of "C" or better. Additional policies such as the Ferris Sunset and Residency Requirement should be discussed with a Ferris advisor. 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 coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

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Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

\*Indicates an approved Ferris course substitution

## Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

## 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.

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.

## Transfer Equivalencies Tools

The transfer equivalencies link is located in the Transfer Resources section at [transfer.ferris.edu](https://transfer.ferris.edu).

## Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the [Ferris catalog](#) for the most current curriculum.

Partners may contact the Office of Transfer and Secondary School Partnerships with questions or updates at [TransferGuidesArticulations@Ferris.edu](mailto:TransferGuidesArticulations@Ferris.edu).