

Ferris Program: Architecture and Sustainability

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Kalamazoo Valley Community College

Consortium Eligible: No

Total Credits Required: 120-126

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	Interpersonal Communication or Fundamentals of Public Speaking	3	COM 113 or COM 101
ENGL 150	English 1	3	ENG 110
ENGL 250	English 2	3	ENG 111
ENGL 311 or ENGL 323 or ENGL 325	Advanced Technical Writing 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 116 or MATH 120	Intermediate Algebra and Numerical Trigonometry or Trigonometry	4 or 3	MATH 106 or MATH 152

Natural Sciences Competency

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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHYS 211	Introductory Physics 1	4	PHY 111
Varies	Natural Sciences Elective	3	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
ARTS 101	Basic Art	3	ART 101
ARCH 244	Architectural History 1	3	No Equivalent
ARCH 245	Architectural History 2	3	No Equivalent

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 – 81-86 Credits Required

Major Courses

40 Credits Required. These courses are used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Choose 2 of 4 ARCH 270	Building Information Modeling and Parametric Design	3	No Equivalent
Choose 2 of 4 ARCH 285	House - An American Evolution	3	No Equivalent
Choose 2 of 4 FMAN 331	Facility Programming and Design Process	3	No Equivalent
Choose 2 of 4 ARCH 350	Site Design	3	No Equivalent
ARCH 246	Twentieth Century Architecture	3	No Equivalent
ARCH 323	Structural Design	3	No Equivalent
ARCH 341	Architectural Design 1	5	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ARCH 342	Architectural Design 2	5	No Equivalent
ARCH 361	Environmental Systems 1	3	No Equivalent
ARCH 362	Environmental Systems 2	3	No Equivalent
ARCH 419	Sustainability in Architecture: Advanced Topics	1	No Equivalent
ARCH 421	Current Issues in Architecture	3	No Equivalent
ARCH 441	Architectural Design 3	5	No Equivalent
ARCH 489	Capstone Research	1	No Equivalent
ARCH 499	Architectural Design 4	5	No Equivalent

Technical Related Courses

6 Credits Required. In addition to the required courses, an associate degree in Architectural Technology from Ferris State University or related courses from a transfer associate degree in Architectural Technology, totaling 33 to 38 credits, is required. These courses are used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
FMAN 322	Project Management	3	No Equivalent
FMAN 432	Principles of Interior Architecture	3	No Equivalent

Electives

2 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 2 credits of elective courses to meet the required 120 credit minimum. These courses are used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Advisor Approval)	2	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology
 Architecture and Sustainability Program
 (231) 591-3100
ATFM@Ferris.edu

Ferris Statewide - Kalamazoo Valley Community College
 (269) 488-4039
FerrisSW@Ferris.edu

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ADMISSION REQUIREMENTS

New Student Admission Requirements

- Application Deadline: February 1st prior to fall semester requested.
- The Architecture and Sustainability, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program apply to the Architectural Technology, AAS program.

Transfer Student Admission Requirements

- Must have completed an Associate of Applied Science degree in Architectural Technology or equivalent.
- 2.75 College GPA (on a 4.00 scale)
- Competency in MATH 116/120
- Competency in PHYS 211
- Design Portfolio (including letter of intent/personal statement)

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
 - 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.

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

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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.

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.