

**Ferris Program:** Architecture and Sustainability

**Degree Type:** Bachelor of Science

**Ferris College:** College of Engineering Technology

**Transfer School:** Grand Rapids Community College (GRCC)

**Consortium Eligible:** No

**Total Credits Required:** 120-126

**Catalog Year:** 2023-2024

**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 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 135 or COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 323 or ENGL 325	Advanced Technical Writing or Proposal Writing or Advanced Business Writing	3	EN 249 or No Equivalent or No Equivalent

**Quantitative Literacy**

3 to 4 Credits Required (or Their Equivalent)

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	No Equivalent or MA 108

**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	PH 125
Varies	Natural Sciences Elective	3	Varies

## Cultural 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	AT 130
ARCH 244	Architectural History 1	3	AT 270
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
ARCH 101	Architectural Graphics	3	AR 202
ARCH 102	Architectural Digital Graphics	4	No Equivalent
ARCH 112	Structure Materials, Systems, Codes	4	No Equivalent
ARCH 115	Interior Exterior Finishes and Systems	3	No Equivalent
ARCH 119	Sustainability in Architecture Introduction	1	No Equivalent
ARCH 203	Architectural Documentation	4	No Equivalent
ARCH 204	Architectural Detailing	4	No Equivalent
ARCH 223	Statics and Structures	3	No Equivalent
ARCH 241	Design Principles	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 Elective Courses)	ARCH 242 (Preferred), ARCH 250, ARCH 270, ARTS 220, COHP 330, CONM 211, CONM 212, CONM 222, ARCH 1-- (Preferred)	6	Varies
HVAC 337	Mechanical and Electrical Systems for Buildings	3	No Equivalent
ARCH ---	Architectural General Credit	3	Varies
ARCH 323	Structural Design	3	No Equivalent
ARCH 341	Architectural Design 1	5	No Equivalent
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 499	Architectural Design 4	5	No Equivalent
(Choose 2 Elective Courses)	ARCH 246, ARCH 270, ARCH 285, ARCH 350	6	Varies

## Technical Related Courses

39 to 44 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

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## Electives

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 (Consult Advisor)	2	Varies

## PROGRAM CONTACT INFORMATION

Architecture and Sustainability Program

(231) 591-3100

(616) 451-4777

## 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

Select courses may be 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 a statewide location).

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 .
- Submit official transcripts
  - Submit official transcripts from every school attended to
  - Or mail to:  
Ferris State University Admissions Office  
1201 S. State St., CSS 201  
Big Rapids, MI 49307

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- Submit test scores (if required)
  - ACT Scores; go to the - Ferris State University School Code: 1994
  - SAT, CLEP and AP Scores; go to the - 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 .

\*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 .

## 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 for the most current curriculum.

Partners may contact the Office of Transfer and Secondary School Partnerships with questions or updates at .