

General Career Information

Successful completion of the Associate in Applied Science in Architectural Technology allows students to pursue further studies in built environment professions including the Bachelor of Science in Architecture and Sustainability program at Ferris State University. The demand for architecture graduates with a sensitivity and understanding of sustainable design is growing and a career in architecture and sustainability offers many opportunities. The program incorporates a set of practices and ways of thinking about the making of buildings for the sustainable development of the built environment. There are two primary objectives of the BS in Architecture and Sustainability program: 1) To prepare graduates for employment in the architectural profession at career-entry levels, 2) To prepare graduates to continue their education in a NAAB-accredited graduate program, leading to licensure as an architect.

Communication Competency

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COMM 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	COM 135 COM 131	Interpersonal Communication Fundamentals of Public Speaking	3 3
ENGL 150	English 1	3	EN 100 or EN 101	College Writing English Composition 1	3 3
ENGL 250	English 2	3	EN 102	English Composition 2	3
ENGL 311	Advanced Technical Writing or	3	EN 249 or	Technical Writing or	3
ENGL 323	Proposal Writing or	3	No Equivalent	No Equivalent	No Equivalent
ENGL 325	Advanced Business Writing	3	No Equivalent	No Equivalent	No Equivalent

Quantitative Literacy

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
MATH 116 or MATH 120	Intermediate Algebra-Numerical Trigonometry or Trigonometry	4 or 3	MA 107 or MA 108	Intermediate Algebra or Trigonometry	4 or 3

Natural Sciences Competency – 2 courses required with a minimum of 6 credits; must have at least 1 lab course

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Natural Sciences Elective	3 - 4	Varies	Natural Sciences General Education	3 - 4
PHYS 211	Introductory Physics 1	4	PH 125	General Physics	4

Culture Competency - 3 courses required with a minimum of 9 credits: must be from 2 different disciplines and have at least 1 at FSU 200 level or higher course

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
ARTS 101	Basic Art	3	AT 130	Two-Dimensional Design	3
ARCH 244	Architectural History 1	3	AT 270	History of Architecture	3
ARCH 245	Architectural History 2	3	No Equivalent	No Equivalent	No Equivalent

Self and Society Competency – 3 courses required with a minimum of 9 credits: must be from 2 different disciplines and have at least 1 at FSU 200 level or higher course

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Self and Society Electives	9	Varies	Social Sciences General Education	9

Ferris State University General Education www.ferris.edu/gened. 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
- 1 course with the U.S. Diversity attribute

Major Requirements – 49 Credits Required

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
ARCH 246	20 th Century Architecture	3	No Equivalent	No Equivalent	No Equivalent
ARCH 323	Structural Design	3	No Equivalent	No Equivalent	No Equivalent
ARCH 341	Architectural Design 1	5	No Equivalent	No Equivalent	No Equivalent
ARCH 342	Architectural Design 2	5	No Equivalent	No Equivalent	No Equivalent
ARCH 361	Environmental Systems 1	3	No Equivalent	No Equivalent	No Equivalent
ARCH 362	Environmental Systems 2	3	No Equivalent	No Equivalent	No Equivalent
ARCH 419	Sustainability in Architecture	1	No Equivalent	No Equivalent	No Equivalent
ARCH 421	Current Issues in Architecture	3	No Equivalent	No Equivalent	No Equivalent
ARCH 441	Architectural Design 3	5	No Equivalent	No Equivalent	No Equivalent
ARCH 499	Architectural Design 4	5	No Equivalent	No Equivalent	No Equivalent
Choose two	Elective (ARCH 270, 285, 350)	6	No Equivalent	No Equivalent	No Equivalent

Technical Related - 6 Credits Required

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
FMAN 322	Project Management	3	No Equivalent	No Equivalent	No Equivalent
FMAN 432	Principles of Interior Design	3	No Equivalent	No Equivalent	No Equivalent

Credits to Meet 120 Minimum

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Associate's Degree	FSU ARCH AAS or RELATED courses from transfer AAS in Architectural Technology	42	AR 103 or	Building Codes and Standards	2
			AR 108	Residential Building Codes and Standards	3
			AR 105	Construction Materials I	3
			AR 106	Construction Materials II	3
			AR 112	Mechanical and Electrical Drafting	3
			AR 119	Introduction to Architectural CAD	3
			AR 120	Architectural Working Drawings I	4
			AR 121	Architectural Working Drawings II	3
			AR 125	Print Reading and Specifications	3
			AR 129	Architectural 3D CAD	3
			AR 201	Architectural Graphics I	3
			AR 202	Architectural Graphics II	3
			AR 218	Sustainable Residential Design	3

Total Credits Required for Degree	129
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Program Delivery Locations and Contact Information:**Main Campus, Big Rapids****College of Engineering Technology****School of Built Environment****Architecture and Facility Management Program**231-591-3100 | www.ferris.edu/atfm

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 an off-campus location).

General Admission Criteria

Admission into the BS in Architecture and Sustainability program requires completion of the Associate degree in Architectural Technology (or approved equivalent of 60 credit hours) with a minimum GPA of 2.75 (on a 4.0 scale). In addition, students must submit a **Design Portfolio** (<http://www.ferris.edu/BSArch>) that demonstrates a variety of work from media such as architectural drawings, freehand drawings, painting, sculpture, graphics, photography, or any other visual media that demonstrates evidence of their design, graphic communication, and technical abilities. Applications and Design Portfolio must be submitted by February 1 prior to fall entry. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application.

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.

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.

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 must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

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 effective and/or revised date on the bottom of this guide and the Ferris Catalog at www.ferris.edu/catalog.

Partners may contact the Transfer Services Center with questions or updates at otssp@ferris.edu.