

FERRIS STATE UNIVERSITY

ALLIED HEALTH SCIENCES TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Allied Health Sciences
Degree Type: Bachelor of Science
Ferris College: College of Health Professions
Transfer School: Grand Rapids Community College (GRCC)
Consortium Eligible: Yes
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 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321	Advanced Composition	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 115 or MATH 116 or MATH 117	Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics	3-4	MA 107 or No Equivalent or MA 124

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
Varies	Natural Sciences Electives (Consult Advisor)	6	Varies

Culture Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Cultural Electives (Consult Advisor)	9	Varies

Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines, have at least one 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 (Consult Advisor)	9	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

College of Health Professions (COHP) Core Curriculum

12 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 300	Health Informatics	3	No Equivalent
COHP 350	Statistics for Health Care	3	No Equivalent
COHP 471	Trends in Health Care	3	No Equivalent
COHP 499	Capstone Project	3	No Equivalent

Major Courses

19 Credits Required - select from the following.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 317	Public Health Organizations	2	No Equivalent
PHIL 320	Biomedical Ethics	3	PHIL 206
PUBH 320	Nutrition and Health	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 330	OSHA Law	2	No Equivalent
HCSA 336	Health Care Supervisory Practices	3	No Equivalent
SOCY 340	Race and Ethnicity in the United States	3	No Equivalent
PSYC 345	Psychology Death and Dying	3	No Equivalent
COHP 351	Introduction to Gerontology	3	No Equivalent
COHP 352	Health and Physical Aspects of Aging	3	No Equivalent
COHP 353	Health Care for Older Adults	3	No Equivalent
COHP 354	Policies, Issues, and Trends in Aging	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent

Professional and Clinical Courses

50 Credits Required (Advisor Approval)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Professional and Clinical Courses (Advisor Approval)	50	Varies

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Health Administration and Health Information

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(231) 591-2340

Online@Ferris.edu

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ADMISSION REQUIREMENTS

New Student Admission Requirements

- Must be enrolled in an associate degree program within the College of Health Professions or have completed an associate degree in a health specialty from an accredited college or university.
- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)
- Minimum Composite Score of ACT 18/SAT 950 OR 3.0 High School GPA (on a 4.00 scale) and Composite ACT 17/SAT 900

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Students must have previously earned an associate degree in a health specialty from an accredited college or university or be enrolled within an associate degree program within the College of Health Professions at Ferris State University.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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.

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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.

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.

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ARCHITECTURE AND SUSTAINABILITY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

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: 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

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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 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 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

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHYS 211	Introductory Physics 1	4	PH 125
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	AT 130

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ARCH 244	Architectural History 1	3	AT 270
ARCH 245	Architectural History 2	3	No Equivalent

Self and Society Competency

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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
(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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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

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

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PROGRAM CONTACT INFORMATION

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

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

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

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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.

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Transfer Equivalencies Tools

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ARTIFICIAL INTELLIGENCE TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Artificial Intelligence

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 120-121

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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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

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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, and have no more than 5 credits from Culture Competency Activities. A foreign language course is recommended.

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	EC 252 or EC 251
Varies	Self and Society Electives	6	Varies

COLLEGE REQUIREMENTS – 80-81 Credits Required

Major Courses

79 Credits Required. These courses are used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ARTI 113	Introduction to Artificial Intelligence	3	No Equivalent
CLOU 131	Cloud Computing Fundamentals	3	No Equivalent
ACCT 201	Principles of Financial Accounting	3	BA 256
ARTI 238	Biometrics	4	No Equivalent
STQM 260	Introduction to Statistics	3	BA 254 or MA 215
STQM 270	Introduction to Data Mining	3	No Equivalent
CLOU 280	Current Topics in Cloud and Cybersecurity	3	No Equivalent
ARTI 300	Artificial Intelligence Concepts and Problem Solving	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISIN 300	Link and Visual Analysis	3	No Equivalent
ISIN 301	Data Intelligence Competitive Theory	3	No Equivalent
ISIN 306	Security Informatics	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
STQM 322	Inferential Statistics	3	No Equivalent
ISIN 325	Database Security	3	No Equivalent
PROJ 325	Agile Project Management	3	No Equivalent
ARTI 330	Natural Language Processing	3	No Equivalent
STQM 342	Data Mining Tools	3	No Equivalent
ARTI 350	Machine Learning	3	No Equivalent
STQM 360	Risk Analysis and Strategy	3	No Equivalent
ARTI 380	Special Topics in Artificial Intelligence	3	No Equivalent
ARTI 405	Artificial Intelligence Architecture and Design	3	No Equivalent
ISIN 406	Advanced Programming	3	No Equivalent
ISIN 429	Legal and Ethical Issues in Information Security	3	No Equivalent
ARTI 450	Deep Learning	3	No Equivalent
ARTI 491	Artificial Intelligence Internship	3	No Equivalent
ARTI 499	Artificial Intelligence Capstone Experience	3	No Equivalent

Elective

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 not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Elective Courses	2	Varies

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PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Minimum 3.00 High School GPA (on a 4.00 scale)
- Minimum Composite ACT score of 22 and ACT Math score of 22 or SAT Math score of 550.
- All students applying for admission to the Artificial Intelligence program will have to submit a 750-to-1,000-word essay that addresses the following:
 - Who they are and why they desire admission to the Artificial Intelligence program.
 - A description of a personal quality, talent, accomplishment, contribution, or experience.
 - A description of someone that influenced them and why.

Transfer Student Admission Requirements

- Minimum 3.00 College GPA (on a 4.00 scale)
- Minimum Composite ACT score of 22 and ACT Math score of 22 or SAT Math score of 550.
- All students applying for admission to the Artificial Intelligence program will have to submit a 750-to-1,000-word essay that addresses the following:
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MORE INFORMATION

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AUTOMOTIVE MANAGEMENT (2+2) OPTION TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Automotive Management (2+2) Option

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Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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.

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Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311	Advanced Technical 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 115 or MATH 117	Intermediate Algebra or Contemporary Mathematics	3 or 4	MA 107 or MA 124

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
PHYS 211	Concepts in Physics	4	PH 125
Varies	Natural Science Electives	3 or 4	Varies

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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	Cultural 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 Elective	9	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Major Courses

38 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
AMGT 300	Automotive Foundations	4	No Equivalent
AMGT 301	Automotive Marketing and Distribution 1	4	No Equivalent
AMGT 302	Automotive Marketing and Distribution 2	4	No Equivalent
AMGT 303	Automotive Accounting	4	No Equivalent
AMGT 360	Automotive Culture	3	No Equivalent
AMGT 401	Management of Fixed Operations	4	No Equivalent
AMGT 402	Management of Variable Operations	4	No Equivalent
AMGT 404	Warranty and Customer Relations	3	No Equivalent
AMGT 460	Internet and Social Media Marketing	3	No Equivalent
AMGT 493	Automotive Management Internship	4	No Equivalent
AMGT 499	Automotive Management Capstone	1	No Equivalent

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Technical Related Courses

3 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BLAW 301	Legal Environment of Business	3	No Equivalent

Additional Requirements

40 Credits Required. Students must have 40 credits in Auto Body (ABOD), Automotive (AUTO), or Heavy Equipment (HEQT) courses from their associate degree.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	ABOD, AUTO, or HEQT Associate Degree Credits (Advisor Approval)	40	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Automotive Management Program
(231) 591-2810
AMGT@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Automotive Management (2+2) degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program apply to the Automotive Management (0 to 4) program.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.30 (on a 4.00 scale) from all institutions attended.
- Students must have previously earned an associate degree in automotive, auto body, heavy equipment, or related field.
- Graduates of manufacturer or dealership co-op programs also qualify for admission into this program.
- Placement into MATH 115 or higher
- Placement into ENGL 150 or higher

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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 [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

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

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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.

BUSINESS ADMINISTRATION TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Business Administration

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 325	Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

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

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- 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 and BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

33 Credits required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
RMIN 200 or PROJ 320 or Accounting (ACCT) Elective or Finance (FINC) Elective or Statistics (STQM) Elective	Foundations Risk Management and Insurance or Project Management Fundamentals or Accounting (ACCT) Elective or Finance (FINC) Elective or Statistics (STQM) Elective	3	Varies
MGMT 302	Team Dynamics and Organizational Behavior	3	BA 282
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BA 288 or No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	BA 284
MGMT 447	Business Ethics and Social Responsibility	3	BA 209
MGMT 488 or MGMT 489	Advanced Management Cases and Problems or Case Development and Research	3	No Equivalent
MGMT 491	Management Internship	3	No Equivalent
Varies	Directed Elective (Advisor Approval)	3	Varies

Minor, Certificates, or Concentration

A total of 18 credits is required with a maximum of 6 to 7 credits overlapping courses with degree that must be substituted with directed electives to meet the minimum 120 credits required. Two courses must be at the 300 level or higher. These courses are not used to calculate the major 2.00 GPA requirement. Choose one of the following: 1) An advisor approved minor; or 2) An advisor approved certificate; or 3) The BUAD Specialized Concentration.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Directed Elective (Advisor Approval)	18	Varies

PROGRAM CONTACT INFORMATION

College of Business
Management Department
(231) 591-2427
MGMT@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.5 High School GPA (on a 4.0 scale)

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- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- A minimum of 24 credits is required of career-specific occupational specialty courses. These courses are used to calculate the major 2.00 GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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.

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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.

Disclaimer

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

BUSINESS ADMINISTRATION WITH PROFESSIONAL TRACK TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Business Administration with Professional Track

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 325	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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

FERRIS STATE UNIVERSITY

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 and BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

27 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
MGMT 302	Team Dynamics and Organizational Behavior	3	BA 282
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BA 288 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	BA 284
MGMT 447	Business Ethics and Social Responsibility	3	BA 209
MGMT 488 or MGMT 489	Advanced Management Cases and Problems or Case Development and Research	3	No Equivalent
MGMT 491	Management Internship	3	No Equivalent

Professional Track

A minimum of 24 credits is required in career-specific occupational specialty courses. These courses are used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Career-Specific Occupational Speciality Courses	24	Varies

PROGRAM CONTACT INFORMATION

College of Business
Management Department
(231) 591-2427
MGMT@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.50 High School GPA (on a 4.00 scale)
- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- A minimum of 24 credits is required of career-specific occupational specialty courses. These courses are used to calculate the major 2.00 GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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

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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

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.

COMPUTER INFORMATION SYSTEMS TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Computer Information Systems

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

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Total Credits Required: 123-124

Catalog Year: 2022-2023

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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	EN 249 or 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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

FERRIS STATE UNIVERSITY

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, and have no more than 5 credits from Culture Competency Activities.

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 84 Credits Required

CIS/CIT credits that are not part of a completed degree, either transfer or Ferris, that are older than 10 years will not be counted toward the degree requirements for CIS/CIT program. Exceptions to this rule may be considered by petitioning the program coordinator.

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 and BA 278
FINC 322	Financial Management 1	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

54 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 110	Fundamentals of Programming Design and Logic	3	CIS 116
ISYS 188	Web Design and Development	3	CIS 148
ISYS 216	Introduction to Programming	3	CIS 117 or CIS 127
ISYS 221	Mobile Application Development	3	CIS 274
ISYS 272	Fundamentals of Database Systems	3	CIS 171
ISYS 288	Web Application Development	3	CIS 247
ISYS 316	Advanced Programming	3	CIS 217 or CIS 227
PROJ 320	Project Management Fundamentals	3	No Equivalent
ISYS 327	Operating Systems and Network Essentials	3	CIS 233
ISYS 330	Systems Analysis and Design 1	3	CIS 224
ISYS 372	Advanced Database Systems Administration	3	No Equivalent
ISYS 431	Systems Analysis and Design 2	3	No Equivalent
ISYS 482	Enterprise Integration and Business Process Design	3	No Equivalent
ISYS 489	Senior Capstone	3	No Equivalent
* ISYS 491	Computer Information Systems Internship	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Directed Elective (Advisor Approval)	9	Varies

*CIS Internship not required with 1+ year work experience in field. Credits will be substituted with directed elective (Advisor Approval).

PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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.

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

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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.

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*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)

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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.

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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.

COMPUTER INFORMATION TECHNOLOGY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Computer Information Technology

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	EN 249 or 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 or higher.

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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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Cultural 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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

CIS/CIT credits that are not part of a completed degree, either transfer or Ferris, that are older than 10 years will not be counted toward the degree requirements for CIS/CIT program. Exceptions to this rule may be considered by petitioning the program coordinator.

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 and BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

51 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 110	Fundamentals of Programming Design and Logic	3	CIS 116
CITS 150	A+ Certification 1	3	CIS 265
CITS 160	A+ Certification 2	3	CIS 266
CITS 250	Windows Client Administration	3	CIS 135
CITS 255	Windows Server 1	3	CIS 234
CITS 260	Windows Server 2	3	CIS 235
CITS 270	Network+	3	CIS 233
CITS 280	Linux Administration	3	CIS 232
CITS 320	Security+ Administration	3	No Equivalent
PROJ 320	Project Management Fundamentals	3	No Equivalent
CITS 360	Windows Server 3	3	No Equivalent
CITS 370	Virtual System Administration	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CITS 480	Senior Project and Capstone	3	No Equivalent
* CITS 491	Computer Information Technology Internship	3	No Equivalent
Varies	Directed Elective (Advisor Approval)	9	Varies

*CIT Internship not required with 1+ year work experience in field. Credits will be substituted with directed elective (Advisor Approval).

PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris Statewide - GRCC

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FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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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).

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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

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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.

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*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

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Michigan Transfer Agreement (MTA)

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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

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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.

CONSTRUCTION MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Construction Management
Degree Type: Bachelor of Science
Ferris College: College of Engineering Technology
Transfer School: Grand Rapids Community College (GRCC)
Consortium Eligible: Yes
Total Credits Required: 123-124
Catalog Year: 2024-2025

GENERAL EDUCATION REQUIREMENTS – 41-42 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	EN 249 or No Equivalent

Quantitative Literacy Competency

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

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- 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 120	Trigonometry	3	MA 108

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
(Choose 1 of 6) PHSC 110	Inquiry into the Earth System	4	GL 111
(Choose 1 of 6) GEOG 111	Geography of Physical Environment	4	GE 132
(Choose 1 of 6) CHEM 114	Introduction to General Chemistry	4	CHM 120
(Choose 1 of 6) CHEM 121	General Chemistry 1	5	CHM 130 and CHEM 131
(Choose 1 of 6) GEOL 121	Physical Geology	4	GL 101
(Choose 1 of 6) PHYS 212	Introductory Physics 2	4	PH 126
PHYS 211	Introductory Physics 1	4	PH 125

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
SURE 331	Ethics and Professionalism in Engineering Technology	3	No Equivalent
Varies	Culture Electives	6	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
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	EC 252 or EC 251
Varies	Self and Society Electives	6	No Equivalent

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COLLEGE REQUIREMENTS – 82 Credits Required

Major Courses

24 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CONM 311	Formwork and Temporary Structures	3	No Equivalent
CONM 312	Construction Scheduling	3	No Equivalent
CONM 321	Construction Estimating 2	3	No Equivalent
CONM 324	Advanced Construction Computer Techniques and Technology	3	No Equivalent
CONM 412	Construction Contracts	3	No Equivalent
CONM 413	Construction Economics	3	No Equivalent
CONM 424	Construction Safety and Risk Management	3	No Equivalent
CONM 499	Construction Project Management	3	No Equivalent

Directed Electives

4 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 of 4) CONM 460	Current Topics in Construction Management	2	No Equivalent
(Choose 2 of 4) CONM 461	Sustainability in Construction	2	No Equivalent
(Choose 2 of 4) CONM 462	Power and Process Plant Construction	2	No Equivalent
(Choose 2 of 4) CONM 463	Infrastructure Construction	2	No Equivalent

Technical Related Courses

12 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 132 or STQM 260	Survey of Calculus or Introduction to Statistics	3	MA 129 or MA 215 or

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			BA 254
ACCT 221	Principles of Construction Accounting	3	No Equivalent
BLAW 301	Legal Environment of Business	3	BA 207
(Choose 1 of 4) MGMT 302	Team Dynamics and Organizational Behavior	3	BA 282
(Choose 1 of 4) MGMT 305	Agile Leadership	3	No Equivalent
(Choose 1 of 4) MGMT 310	Small Business Management	3	BA 286
(Choose 1 of 4) MGMT 373	Human Resource Management	3	BA 284

Associate Degree Coursework

A total of 42 credits is required in associate degree coursework. Associate Core Courses, including: CONM 122, 211, 212, 222, and 225 are required; totaling 15 credits. In addition, 27 credits of Architectural Technology (ARCH), Building Construction Technology Management (BCTM), Civil Engineering Technology Management (CETM), and Construction Management (CONM) courses are required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CONM 122	Construction Surveying and Layout	3	No Equivalent
CONM 211	Construction Estimating 1	3	No Equivalent
CONM 212	Soils and Foundations	3	No Equivalent
CONM 222	Construction Administration	3	No Equivalent
CONM 225	Field Engineering	3	No Equivalent
Varies	Associate Degree Coursework (Advisor Approval)	27	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Construction Technology & Management Programs
(231) 591-3773
ConsProg@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

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ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Construction Management, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Building Construction Technology, AAS, Civil Engineering Technology - Highway Emphasis, AAS or Architectural Technology, AAS program.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Successful completion of the following courses:
 - MATH 120 with a C- grade or higher, transfer equivalent with C grade or higher, or a higher mathematics course.
 - PHYS 211 with a passing grade or transfer equivalent with C grade or higher
 - ENGL 150 with a C grade or higher or transfer equivalent with a C grade or higher
 - ENGL 211 or 250 with a C grade or higher or transfer equivalent with a C grade or higher
- Completion of Associate in Applied Science (AAS) in Building Construction Technology (BCTM) or Civil Engineering Technology - Highway Focus (CETH) from Ferris State University; or Associated in Applied Science (AAS) in Architectural Technology from Grand Rapids Community College; or a related Associate in Applied Science (AAS) degree from another accredited university with specific 100 and/or 200 level program courses coordinated with the program prior to entry into the 300 and 400 level Construction Management (CONM) courses and a 2.50 GPA (on a 4.00 scale) in associate degree.

MORE INFORMATION

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- Submit test scores (if required)
 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
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Advising Notes

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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.

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*Indicates an approved Ferris course substitution

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CRIMINAL JUSTICE - GENERALIST TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Criminal Justice - Generalist

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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

FERRIS STATE UNIVERSITY

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 135 or COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or 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	MA 115 or MA 107

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

FERRIS STATE UNIVERSITY

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
SOCY 121	Introductory Sociology	3	SO 251
PSYC 150	Introduction to Psychology	3	PY 201
(Choose 1 of 6) SOCY 225	Marriage and the Family	3	SO 270
(Choose 1 of 6) SOCY 230	Gender Roles in Society	3	No Equivalent
(Choose 1 of 6) SOCY 242	Sociology of Deviant Behavior	3	No Equivalent
(Choose 1 of 6) SOCY 340	Race and Ethnicity in the United States	3	SO 260
(Choose 1 of 6) SOCY 341	Community Studies	3	No Equivalent
(Choose 1 of 6) SOCY 344	World Urban Sociology	3	No Equivalent

COLLEGE REQUIREMENTS – 81 Credits Required

Major Courses

35 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CRIM 305	Ethical Issues in Criminal Justice	3	No Equivalent
CRIM 310	Corrections and Society	3	No Equivalent
CRIM 311	Police and Society	3	No Equivalent
CRIM 321 or CRIM 322	Police Report Writing or Report Writing for Corrections	3	No Equivalent
CRIM 340	Criminal Behavior	3	No Equivalent
CRIM 385	Current Issues in Criminal Justice	3	No Equivalent
CRIM 391	Criminal Justice Internship	4	No Equivalent
CRIM 411	Crime Control Policy	3	No Equivalent
CRIM 425	Michigan Criminal Law	4	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CRIM 430	Michigan Criminal Procedures	4	No Equivalent
CRIM 499	Criminal Justice Assessment Course	2	No Equivalent

Related Requirements

23 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
CRIM 110	Introduction to Criminal Justice	3	CJ 110
CRIM 111 or CRIM 112 or CRIM 113	Introduction to Corrections or Introduction to United States Legal Systems or Introduction to Law Enforcement	3	CJ 105
BUSN 122 or ACCT 201 or BLAW 221	Introduction to Business or Principles of Financial Accounting or Elementary Business Law	3	BA 103 or BA 256 or No Equivalent
CRIM 220	Supervision and Management in Criminal Justice	3	No Equivalent
CRIM 260	Delinquency Prevention and Control	3	CJ 140
Varies	Elective Courses - 100 Level or Higher (Advisor Approval)	5	Varies

Electives

23 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 23 credits of elective courses to meet the required 120 credit minimum.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Elective Courses (Advisor Approval)	23	Varies

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

College of Business

School of Criminal Justice

(231) 591-5080

SchoolofCriminalJustice@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Minimum 2.00 GPA (on a 4.00 scale)
- Complete all course requirements necessary to complete the Associate of Arts (AA) in Criminal Justice program at Ferris State University.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.00 (on a 4.00 scale) from all institutions attended.
- Complete all course requirements necessary to complete the Associate of Arts (AA) in Criminal Justice program at Ferris State University.
- The degree completion program at a statewide and online location requires to earn either a completed Associate degree or at least 48 transferable semester credit hours from an accredited college or university.

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 [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.

FERRIS STATE UNIVERSITY

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.

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.

DENTAL HYGIENE TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Dental Hygiene

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 121-122

Catalog Year: 2022-2023

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

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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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321 or ENGL 325	Advanced Composition 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 115 or MATH 116 or MATH 117	Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics	3 or 4 or 4	MA 107 or No Equivalent or MA 124

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. BIOL 108, 251, 252, CHEM 114, or acceptable equivalents from associate degree. Include another course with a lab from accredited Dental Hygiene program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BIOL 108 or BIOL 251 and BIOL 252 or CHEM 114	Medical Microbiology or Human Anatomy and Human Physiology or Introduction to General Chemistry	3 or 6 or 4	BI 127 or BI 121 and BI 122 or
Varies	Natural Sciences Electives (Consult Advisor)	3	Varies

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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. PHIL 320 is recommended.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Culture Electives (Consult Advisor)	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
SOCY 121	Introductory Sociology	3	SO 251
PSYC 150	Introduction to Psychology	3	PY 201
Varies	Self and Society Elective (Consult Advisor)	3	Varies

COLLEGE REQUIREMENTS – 82 Credits Required

College of Health Professions (COHP) Core Curriculum

11 Credits Required. COHP 100, 101, and 102 can be met with Dental Hygiene (DH) license.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 100	Orientation to Medical Vocabulary	1	No Equivalent
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350	Statistics in Health Care	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent

Major Courses

71 Credits Required. An Associate of Applied Science (AAS) in Dental Hygiene is required and satisfies 40 of the 71 credits required. Admission also requires valid Registered Dental Hygienist (RDH) or Licensed Dental Hygienist (LDH) license and a minimum 2.50 GPA (on a 4.00 scale).

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DHYG AAS	Associate in Dental Hygiene	40	Varies
DHYG 300	Dental Hygiene Role Transition	3	No Equivalent
DHYG 315	Health Promotion and Wellness	3	No Equivalent
COHP 317	Public Health Organizations	2	No Equivalent
DHYG 320	Dental Hygiene Informatics	4	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
DHYG 330	Instructional Role of the Dental Hygienist	3	No Equivalent
DHYG 400	Community Program Assessment and Planning	4	No Equivalent
DHYG 415	Gerontology in Dental Hygiene	3	No Equivalent
DHYG 491	Dental Hygiene Practicum	3	No Equivalent
DHYG 499	Dental Hygiene Capstone	3	No Equivalent

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Diagnostic, Laboratory and Therapeutic Sciences
(231) 591-2270
CHP@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777
FSUGR@Ferris.edu

Ferris Online

(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Must have completed or be in the final academic year of an associate degree in an accredited Dental Hygiene program from an accredited college or university.
- 2.50 College GPA (on a 4.00 scale)

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Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Students must have previously earned or be in the final academic year of an associate degree in a dental hygiene program from an accredited college or university.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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

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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

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

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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)

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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

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

DIGITAL ANIMATION AND GAME DESIGN TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Digital Animation and Game Design

Degree Type: Bachelor of Applied Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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

The upper level English requirement can be met one of three ways. The first way is taking ENGL 311, 321, 323, or 325. The second way is taking two courses with the Communication Across the Curriculum (CATC) attribute and one course with the Oral Communication (COMM) attribute. The third way is by taking three courses with the Communication Across the Curriculum (CATC) attribute.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121 or COMM 221 or COMM 251	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making or Argumentation and Debate	3	COM 135 or COM 131 or No Equivalent or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
(Choose 1 of 6) ENGL 311	Advanced Technical Writing	3	EN 249
(Choose 1 of 6) ENGL 321	Advanced Composition	3	No Equivalent
(Choose 1 of 6) ENGL 323	Proposal Writing	3	No Equivalent
(Choose 1 of 6) ENGL 325	Advanced Business Writing	3	No Equivalent
(Choose 1 of 6) Varies (Consult Advisor)	2 Communication Across the Curriculum (CATC) Courses and 1 Oral Communication (COMM) Elective Course - 200 Level or Higher; Excludes COMM 200 or 201	3	No Equivalent
(Choose 1 of 6) Varies (Consult Advisor)	3 Communication Across the Curriculum (CATC) Courses	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	MA 115 or MA 107

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
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 Courses

52 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DAGD 100	3D Modeling and Animation 1	3	No Equivalent
DAGD 103	3D Visual Drawing and Sculpture	3	No Equivalent
DAGD 104	Digital Imaging	3	No Equivalent
DAGD 150	Introduction to Game Design and Development	3	No Equivalent
DAGD 155	Introduction to Coding for Games	3	No Equivalent
DAGD 201	Animation Preproduction	3	No Equivalent
DAGD 204	Digital Imaging for 3D	3	No Equivalent
DAGD 230	3D Modeling and Animation 2	3	No Equivalent
TDMP 243	Field Production	3	No Equivalent
DAGD 260	Multimedia Design	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DAGD 305	Portfolio	3	No Equivalent
DAGD 310	Interaction Design	3	No Equivalent
DAGD 315	Digital Media Productions	3	No Equivalent
BLAW 321	Contracts and Sales	3	No Equivalent
DAGD 340	Junior Project	3	No Equivalent
DAGD 491	Applied Internship	3	No Equivalent
DAGD 498	Seminar	1	No Equivalent
DAGD 499	Capstone	3	No Equivalent

Electives

8 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 8 credits of elective courses to meet the required 120 credit minimum. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Advisor Approval)	8	TBD

CONCENTRATION – 21 Credits Required

Choose One Concentration

3D Animation Concentration (AN3D)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DAGD 280	Digital Sculpting	3	No Equivalent
DAGD 301	Animation Techniques	3	No Equivalent
DAGD 335	3D Modeling and Animation 3 - Rendering, Lights, and Materials	3	No Equivalent
DAGD 345	Contemporary Tools and Techniques	3	No Equivalent
DAGD 375	Advanced 3D - Character	3	No Equivalent
DAGD 385	Advanced Modeling and Animation - Vehicle and Structure	3	No Equivalent
DAGD 430	Digital FX	3	No Equivalent

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Game Development Concentration (GMDV)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DAGD 255	Game Programming 1	3	No Equivalent
DAGD 300	Level Design	3	No Equivalent
DAGD 302	Procedural Animation Techniques	3	No Equivalent
DAGD 320	Multiplayer Game Programming	3	No Equivalent
DAGD 355	Game Programming 2	3	No Equivalent
DAGD 420	Applied Digital Simulation	3	No Equivalent
DAGD 460	Multimedia 2	3	No Equivalent

General Concentration (GDAG)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
TDMP 136	Audio Production	3	No Equivalent
(Choose 6 of 15) DAGD 255	Game Programming 1	3	No Equivalent
(Choose 6 of 15) DAGD 280	Digital Sculpting	3	No Equivalent
(Choose 6 of 15) DAGD 300	Level Design	3	No Equivalent
(Choose 6 of 15) DAGD 301	Animation Techniques	3	No Equivalent
(Choose 6 of 15) DAGD 302	Procedural Animation Techniques	3	No Equivalent
(Choose 6 of 15) DAGD 320	Multiplayer Game Programming	3	No Equivalent
(Choose 6 of 15) DAGD 335	3D Modeling and Animation 3 - Rendering, Lights, and Materials	3	No Equivalent
(Choose 6 of 15) DAGD 345	Contemporary Tools and Techniques	3	No Equivalent
(Choose 6 of 15) DAGD 355	Game Programming 2	3	No Equivalent
(Choose 6 of 15) DAGD 375	Advanced 3D - Character	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 6 of 15) DAGD 385	Advanced Modeling and Animation - Vehicle and Structure	3	No Equivalent
(Choose 6 of 15) DAGD 420	Applied Digital Simulation	3	No Equivalent
(Choose 6 of 15) DAGD 430	Digital FX	3	No Equivalent
(Choose 6 of 15) DAGD 460	Multimedia 2	3	No Equivalent
(Choose 6 of 15) Varies	Elective Course (Advisor Approval)	3	No Equivalent

PROGRAM CONTACT INFORMATION

College of Business
School of Digital Media
(231) 591-2712
SDM@ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.50 High School GPA (on a 4.00 scale)
- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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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 [free application](#).
- Submit official transcripts
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 - 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

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

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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.

DIGITAL MEDIA SOFTWARE ENGINEERING TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Digital Media Software Engineering

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 125

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 30 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or No Equivalent

Quantitative Literacy Competency

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

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- 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

4 Credits Required and is met in College Requirements.

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
PHYS 241	General Physics 1	5	PH 245
Varies	Natural Sciences Elective	Varies	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. PHIL 216 is met in College Requirements.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Culture Electives	6	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. ECON 201 or ECON 202 are met in College Requirements.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Self and Society Electives	6	Varies

COLLEGE REQUIREMENTS – 95 Credits Required

Software Development Courses

21 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SENG 101	Computer Programming 1	3	CIS 225
SENG 102	Computer Programming 2	3	CIS 129
SENG 300	Software Data Structures	3	No Equivalent
SENG 301	Programming Languages	3	No Equivalent
SENG 315	Software Component Design	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SENG 400	Engineering Enterprise Software Applications	3	No Equivalent
SENG 430	Program Graphical Interfaces	3	No Equivalent

Foundation Courses

21 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SENG 160	Software Engineering Methodologies and Processes	3	No Equivalent
SENG 170	Software Requirements Management	3	No Equivalent
SENG 210	Software Configuration Management	3	No Equivalent
SENG 250 or ISYS 327	Fundamentals of Operating Systems and Networking or Operating Systems and Network Essentials	3	No Equivalent
SENG 302	Software Quality Assurance	3	No Equivalent
SENG 350	Software Design and Architecture	3	No Equivalent
SENG 355	Software Engineering Tools	3	No Equivalent

Engineering Fundamentals Courses

9 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 200 or SENG 225 or ISYS 272	Database Design and Implementation or Introduction to Database Design or Fundamentals of Database Systems	3	CIS 170 or No Equivalent or CIS 171
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	EC 252 or EC 251
STQM 260	Introduction to Statistics	3	BA 254 or

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			MA 215

Mathematics Courses

14 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 220	Analytical Geometry and Calculus 1	4	MA 133
MATH 230	Analytical Geometry and Calculus 2	4	MA 134
MATH 322	Linear Algebra	3	MA 250
MATH 328	Discrete Structures	3	MA 245

Business and Management Courses

9 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHIL 216	Introduction to Ethics	3	PL 205
PROJ 320 or DAGD 315	Project Management Fundamentals or Digital Media Productions	3	No Equivalent
BLAW 321	Contracts and Sales	3	No Equivalent

Professional Development Courses

9 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SENG 420	Software Development Industry Certification	3	No Equivalent
SENG 491	Software Engineering Applied Internship	3	No Equivalent
SENG 499	Capstone in Software Engineering	3	No Equivalent

APPLICATION DOMAIN ELECTIVES – 12 Credits Required

Choose one four-course sequence in an area of interest; other than those listed must be approved by an advisor.

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Game Design and Development

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DAGD 100 or DAGD 150	3D Modeling Animation 1 or Introduction to Game Design and Development	3	CIS 250
DAGD 255	Game Programming 1	3	No Equivalent
DAGD 300	Level Design	3	No Equivalent
DAGD 355	Game Programming 2	3	No Equivalent

Machine Learning Engineering

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SENG 309	Introduction to Machine Learning	3	No Equivalent
SENG 409	Applied Machine Learning Software	3	No Equivalent
SENG 410	Introduction to Big Data Concepts and Tools	3	No Equivalent
SENG 422	Introduction to Cloud Application Development	3	No Equivalent

PROGRAM CONTACT INFORMATION

College of Business
School of Digital Media
(231) 591-2712
SDM@ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.70 High School GPA (on a 4.00 scale)
- ACT Composite Score of 19

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.

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 [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

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

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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.

EARLY CHILDHOOD EDUCATION ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Early Childhood Education

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 121-126

Catalog Year: 2022-2023

The effective dates for this articulation agreement are July 1, 2022 - July 1, 2025.

GENERAL EDUCATION REQUIREMENTS – 40-41 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1 (B or higher)	3	EN 101
ENGL 250	English 2 (B or higher)	3	EN 102
ENGL 321 or ENGL 323 or ENGL 325	Advanced Composition or Proposal Writing or Advanced Business Writing	3	No Equivalent

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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	Quantitative Reasoning for Professionals 2	4	MA 115

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. BIOL 109 is required for the Child Life Specialist Concentration (ECSP).

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
LITR 326	Children's Literature	3	No Equivalent
Varies	Culture Electives	6	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. The courses listed below must be taken for the Child Life Specialist concentration. They can, however, apply to all Early Childhood concentrations. See Ferris advisor for course substitutions other than those listed.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SOCY 121	Introductory Sociology	3	SO 251
PSYC 150	Introduction to Psychology	3	PY 201
SOCY 225	Marriage and the Family	3	SO 270

COLLEGE REQUIREMENTS – 82-86 Credits Required

Major Requirements

67 Credits Required. These courses are used to calculate the major 2.75 GPA requirement.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 101	Introduction to Early Childhood Education	4	EDU 105
EDCD 112	Theories of Child Development	3	EDU 118
EDCD 115	Observation and Documentation of Children	3	EDU 209
EDCD 160	Role of the Early Childhood Teacher	3	No Equivalent
COHP 205	Child Care Food and Nutrition	3	No Equivalent
EDCD 206	Ethical Practices in Early Childhood	3	No Equivalent
EDCD 210	Methods for Teaching Infants and Toddlers	4	EDU 210
EDCD 211	Methods for Teaching Preschool and School Age Children	4	EDU 229
EDLA 261	Foundations of Literacy	3	EDU 205
EDCD 295	Early Childhood Education Practicum	6	EDU 280 and EDU 285
EDCD 308	Teaching Special Needs in Early Childhood Education	3	EDU 230
EDCD 340	Family Engagement in Early Childhood	3	No Equivalent
EDCD 350	Curriculum Perspectives in Early Childhood Education	3	No Equivalent
EDCD 380	Advocacy in Early Childhood Education	3	No Equivalent
EDCD 425	Assessment and Research Methods in Early Childhood	4	No Equivalent
EDCD 450	Current Issues in Early Childhood Education	3	No Equivalent
EDCD 495	Early Childhood Education Internship	12	No Equivalent

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CONCENTRATION – 15-19 Credits Required

One concentration is required (requires declaration).

Birth Through Kindergarten Concentration (BIRK)

19 Credits Required. These courses are used to calculate the concentration 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 310	Child Guidance	3	EDU 215
EDLA 311	Advanced Foundations of Literacy Pre-Kindergarten through Third Grade	3	No Equivalent
EDCD 408	Individualized Educational Plan/ Individualized Family Service Plan Planning and Development	3	No Equivalent
EDLA 411	Literacy Instruction and Assessment Pre-Kindergarten through Third Grade	4	No Equivalent
EDCD 440	Science, Technology, Engineering, Art, and Math in Early Childhood	3	No Equivalent
EDCD 488	Early Childhood Special Education Internship	3	No Equivalent

Child Life Specialist Concentration (ECSP)

17 Credits Required. These courses are used to calculate the concentration 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 100	Orientation to Medical Vocabulary	1	GH 110
EDUC 251	Human Growth Development	3	No Equivalent
COMM 320	Family Communication	3	No Equivalent
PSYC 345	Psychology of Death and Dying	3	GO 263
SOCY 373	Health and Illness in Society	3	No Equivalent
EDCD 430	Introduction to Child Life Specialist Program	4	No Equivalent

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Early Childhood Lead Teacher Concentration (ECLT)

16 Credits Required. These courses are used to calculate the concentration 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 310	Child Guidance	3	EDU 215
EDLA 311	Advanced Foundations of Literacy Pre-Kindergarten through Third Grade	3	No Equivalent
EDCD 408	Individualized Educational Plan/ Individualized Family Service Plan Planning and Development	3	No Equivalent
EDLA 411	Literacy Instruction and Assessment Pre-Kindergarten through Third Grade	4	No Equivalent
EDCD 440	Science, Technology, Engineering, Art, and Math in Early Childhood	3	No Equivalent

Early Childhood Management Concentration (ECMG)

15 Credits Required. These courses are used to calculate the concentration 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
MGMT 301	Applied Management	3	BA 283
MGMT 310	Small Business Management	3	BA 286
MKTG 321	Principles of Marketing	3	BA 270
EDCD 410	Early Childhood Education Management and Leadership	3	EDU 218

PROGRAM CONTACT INFORMATION

College of Arts, Sciences, and Education
School of Education
(231) 591-5361
SOE@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777

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
- Transfer equivalency for Ferris State University's MATH 114/115/117 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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](#).

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*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.

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.

ELEMENTARY EDUCATION TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Elementary Education

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 119-121

Catalog Year: 2022-2023

The effective dates for this articulation agreement are July 1, 2022 - July 1, 2025. This Articulation Agreement and Transfer Guide establishes a transfer pathway from the Pre-Elementary Education, A.A. degree at Grand Rapids Community College into the Elementary Education, B.S. degree at Ferris State University.

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GENERAL EDUCATION REQUIREMENTS – 41-42 Credits Required

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1 (B or higher)	3	EN 101
ENGL 250	English 2 (B or higher)	3	EN 102
ENGL 321	Advanced Composition	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 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Contemporary Mathematics	4 or 3 or 4	MA 115 or MA 107 or MA 124

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
BIOL 103	Biological Concepts	4	BI 101
PHSC 115	Inquiry into Physical Science	4	PC 101

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
HIST 121	United States History to 1877	3	HS 160
HIST 230	Michigan History	3	HS 260
LITR 326	Children's Literature	3	No Equivalent

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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
GEOG 100	Geography of World Regions	3	GE 135
PLSC 121	American Government 1 - People & Politics	3	PS 110
ECON 201	Principles of Microeconomics	3	EC 252

COLLEGE REQUIREMENTS – 80-81 Credits Required

Major Courses

15 Credits Required. These courses are used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 208	Elementary School Mathematics 1	3	MA 226
MATH 209	Elementary School Mathematics 2	3	MA 227
EDLA 261	Foundations of Literacy	3	EDU 205
ENGL 301	Introduction to Linguistics	3	No Equivalent
MATH 307	Elementary School Mathematics 3	3	MA 240

PRE-KINDERGARTEN THROUGH THIRD GRADE CONCENTRATION (ELPK) – 66 Credits Required

Level 1 Courses

15 Credits Required. Students may only retake two of the six Level 1 courses. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 112	Theories of Child Development	3	EDU 118
EDCD 115	Observations & Documentation of Children	3	EDU 209
EDCD 161	Foundations of Education	3	EDU 200

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 211	Methods of Teaching Preschool & School Age Children	4	EDU 229
EDUC 261	Children's Healthy Living	2	No Equivalent

Level 2 Courses

39 Credits Required. Prior to enrolling in any Level 2 courses, all students must meet the Michigan Department of Education (MDE) requirements, currently Council for the Accreditation of Educator Preparation (CAEP); see advisor for options. Complete all Level 1 courses with a minimum of 2.50 GPA with no grade lower than a C, have a 2.50 cumulative GPA, and complete a Level 2 application. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 308	Teaching Special Needs in Education & Childhood Education	3	No Equivalent
EDLA 311	Advanced Foundations of Literacy Pre- Kindergarten through Third Grade	3	No Equivalent
EDMA 331	Math Methods of Teaching Pre- Kindergarten through Sixth Grade	3	No Equivalent
EDSC 331	3D Science Methods for Elementary Education Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDUC 361	Instructional Design	3	No Equivalent
EDLA 411	Literacy Instruction & Assessment Pre- Kindergarten through Third Grade	4	No Equivalent
EDLA 419	Literacy Methods Field Experience Pre- Kindergarten through Third Grade	1	No Equivalent
EDMA 419	Math Methods Field Experience Pre- Kindergarten through Third Grade	1	No Equivalent
EDSC 419	Science Methods Field Experience Pre-	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Kindergarten through Third Grade		
EDSS 419	Social Studies Methods Field Experience Pre-Kindergarten through Third Grade	1	No Equivalent
EDLA 431	Literacy Methods of Teaching Pre-Kindergarten through Sixth Grade	4	No Equivalent
EDMA 431	Math Assessments & Supports Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDSC 431	Advanced 3D Science Methods of Teaching Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDSS 431	Social Studies Methods of Teaching Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDLA 461	Language & Literacy Capstone	3	No Equivalent

Level 3 Courses

12 Credits Required. Prior to enrolling in Level 3 courses, all students must pass the Michigan test for teacher certification in their subject area. Students must obtain the appropriate GPA for their major as established by each department. A 2.75 GPA is required in the professional education course sequence. A 2.50 cumulative GPA is also required before student teaching. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDUC 499	Student Teaching (Dept. Approval)	12	No Equivalent

THIRD GRADE THROUGH SIXTH GRADE CONCENTRATION (ELTS) – 65 Credits Required

Level 1 Courses

14 Credits Required. Students may only retake two of the six Level 1 courses. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 115	Observation & Documentation of Children	3	EDU 209
EDUC 161	Foundations of Education	3	EDU 200
EDUC 251	Human Growth Development	3	EDU 118
EDUC 261	Children's Healthy Living	2	No Equivalent
EDUC 289	Principles of Teaching & Learning	3	PY 251

Level 2 Courses

39 Credits Required. Prior to enrolling in any Level 2 courses, all students must meet the Michigan Department of Education (MDE) requirements, currently Council for the Accreditation of Educator Preparation (CAEP); see advisor for options. Complete all Level 1 courses with a minimum of 2.50 GPA with no grade lower than a C, have a 2.50 cumulative GPA, and complete a Level 2 application. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDLA 321	Advanced Foundations of Literacy Third Grade through Sixth Grade	3	No Equivalent
EDMA 331	Math Methods for Teaching Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDSC 331	3D Science Methods for Elementary Education Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDUC 361	Instructional Design	3	No Equivalent
EDUC 415	Teaching Special Needs	3	No Equivalent
EDLA 421	Literacy Instruction and Assessment Third Grade through Sixth Grade	4	No Equivalent
EDLA 429	Literacy Methods Field Experience Third Grade through Sixth Grade	1	No Equivalent
EDMA 429	Math Methods Field Experience Third Grade through Sixth Grade	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDSC 429	Science Methods Field Experience Third Grade through Sixth Grade	1	No Equivalent
EDSS 429	Social Studies Methods Field Experience Third Grade through Sixth Grade	1	No Equivalent
EDLA 431	Literacy Methods of Teaching Pre-Kindergarten through Sixth Grade	4	No Equivalent
EDMA 431	Math Assessments & Supports Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDSC 431	Advanced 3D Science Methods of Teaching Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDSS 431	Social Studies Methods of Teaching Pre-Kindergarten through Sixth Grade	3	No Equivalent
EDLA 461	Language & Literacy Capstone	3	No Equivalent

Level 3 Courses

12 Credits Required. Prior to enrolling in Level 3 courses, all students must pass the Michigan test for teacher certification in their subject area. Students must obtain the appropriate GPA for their major as established by each department. A 2.75 GPA is required in the professional education course sequence. A 2.50 cumulative GPA is also required before student teaching. Students may not repeat any education course more than once. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDUC 499	Student Teaching (Dept. Approval)	12	No Equivalent

PROGRAM CONTACT INFORMATION

College of Arts, Sciences, and Education
 School of Education
 (231) 591-5361
SOE@Ferris.edu

Ferris Statewide - GRCC
 (616) 451-4777

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.
- Completion of ENGL 150 or transfer equivalent of C grade or higher
- Completion of MATH 114, 115, or 117 or transfer equivalent of C grade or higher.
- The degree completion program at a statewide and online location requires 30 transferable semester credits to be admitted and completion of ENGL 150, ENGL 250, COMM 121, MATH 114, 115 or 117, or transfer equivalent courses of C grade or higher.

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 [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.

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FACILITY MANAGEMENT ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Facility Management

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Articulation Agreement: Yes

Total Credits Required: 120

Catalog Year: 2024-2025

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027. This Articulation Agreement and Transfer Guide establishes a transfer pathway from the Architectural Technology A.A.S. degree at Grand Rapids Community College into the Facility Management, B.S. degree at Ferris State University.

GENERAL EDUCATION REQUIREMENTS – 39 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

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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 135 or COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311	Advanced Technical Writing	3	EN 249

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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 115	Intermediate Algebra	3	MA 107

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. Recommended BIOL 111, BIOL 116, GEOL 121, or GEOG 121 for second course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHYS 211	Introductory Physics 1	4	PH 125
<i>Recommended</i> BIOL 111 or BIOL 116 or GEOL 121 or GEOG 121	Environmental Biology or Nature Study or Physical Geology or Weather and Climate	4 or 3	<i>Recommended</i> GE 225 or No Equivalent or GL 101 or No Equivalent

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
ARTH 2-C	ARTH General Credit	3	AT 270
Varies	Culture Electives	6	Varies

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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
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
FMAN 321	Principles of Facility Management	3	No Equivalent
FMAN 322	Project Management	3	No Equivalent
FMAN 331	Facility Program and Design Process	3	No Equivalent
FMAN 332	Digital Applications in Facility Management	3	No Equivalent
FMAN 393	Facility Management Internship	4	No Equivalent
FMAN 431	Principles of Space Planning	3	No Equivalent
FMAN 432	Principles of Interior Architecture	3	No Equivalent
FMAN 441	Property Development and Planning	3	No Equivalent
FMAN 451	Planning and Budgeting for Operations	3	No Equivalent
FMAN 489	Capstone Research	1	No Equivalent
FMAN 499	Capstone Thesis	3	No Equivalent

Technical Related Courses

18 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
STQM 260	Introduction to Statistics	3	BA 254 or MA 215
BLAW 301	Legal Environment of Business	3	BA 207
MGMT 301	Applied Management	3	BA 283
MGMT 302 or MGMT 305	Team Dynamics and Organizational Behavior or Agile Leadership	3	BA 282 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
hvac 483	HVACR Building Systems	3	No Equivalent

Electives

A total of 31 technical credits from an Associate of Applied Science (AAS) in Architectural Technology (ARCH), or equivalent, that are approved by the department is 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 31 credits of elective courses to meet the required 120 credit minimum. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	GRCC Architectural Technology AAS Degree or Equivalents Approved by Department	31	<i>Recommended</i> AR 103 or AR 105 or AR 106 or AR 112 or AR 119 or AR 120 or AR 121 or AR 125 or AR 129 or AR 201 or AR 202 or AR 218

PROGRAM CONTACT INFORMATION

School of Built Environment

605 S. Warren
GRN 227
Big Rapids MI 49307
(231) 591-3773

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Application Deadline: February 1st prior to fall semester requested.

FERRIS STATE UNIVERSITY

- The Facility Management, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Building Construction Technology, AAS, Civil Engineering Technology - Highway Emphasis, AAS or Architectural Technology, AAS program.

Transfer Student Admission Requirements

- Must have completed an Associate of Applied Science degree in Architectural Technology or Equivalent, a minimum of 60 credit hours
- 2.75 College GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Placement in MATH 115/116

MORE INFORMATION

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Advising Notes

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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.

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Reverse Transfer Agreement

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from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

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Transfer Equivalencies Tools

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

ARTICULATION AGREEMENT

The original, signed document is kept on file in the Office of Transfer and Secondary School Partnerships. To obtain a copy of the original, signed document, contact the Office of Transfer and Secondary School Partnerships at TransferGuidesArticulations@Ferris.edu.

GRAPHIC MEDIA MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Graphic Media Management

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 124-125

Catalog Year: 2024-2025

GENERAL EDUCATION REQUIREMENTS – 39 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.

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Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121 or COMM 221 (Choose 1)	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 325 (Choose 1)	Advanced Composition	3	EN 249 or No Equivalent

Quantitative Literacy Competency Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 115	Intermediate Algebra	3	MA 107

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 (Consult Advisor)	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
PHOT 101	Photography	3	PO 101
Varies	Culture Electives (Consult Advisor)	6	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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Electives (Consult Advisor)	3	Varies

COLLEGE REQUIREMENTS – 94 Credits Required

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
GCOM 131	Building Professional Digital Documents	3	No Equivalent
GCOM 132	Portable Document Files and Prepress Workflow	3	No Equivalent
GCOM 161	Media Imaging and Production	4	No Equivalent
ISYS 200	Database Design and Implementation	3	CIS 170
ACCT 201	Principles of Financial Accounting	3	BA 256
DSGN 224	Web Design and Planning	3	No Equivalent
GCOM 232	Digital Color Reproduction	3	No Equivalent
GCOM 243	Prepress Workflow Automation	4	No Equivalent
GCOM 273	Substrates, Inks, and Coatings	3	No Equivalent
GCOM 285	Introduction to Packaging	3	No Equivalent
GCOM 299	Imaging and Finishing Project Management	3	No Equivalent
GMAN 310	Variable Data Publishing and Cross Media Marketing	3	No Equivalent
GMAN 351	Project Estimating and Cost Analysis	3	No Equivalent
GMAN 361	Production Planning	3	No Equivalent
GMAN 393	Media Management Internship	4	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
GMAN 425	Digital Workflow Engineering and Automation	3	No Equivalent
GMAN 440	Color Management	3	No Equivalent
GMAN 462	Media Process Management	3	No Equivalent
GMAN 498	Current Topics in Media Management	1	No Equivalent

Major Related Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
STQM 260	Introduction to Statistics	3	BA 254
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 370	Quality and Operations Management	3	BA 175 + BA 278

PROGRAM CONTACT INFORMATION

College of Business
Marketing
(231) 591-2426
MKTG@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

In order to graduate from Ferris State University, students must meet both University and Programmatic Graduation Requirements.

University Graduation Requirements

These are the minimum graduation requirements for a graduate degree at Ferris State University:

- All requirements as specified in the University Requirements section must be met.
- A minimum of 120 credits must be earned.
- A 2.00 or higher cumulative Ferris State University GPA is required.

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- A minimum of 30 credits must be earned from Ferris State University to meet the Residency requirement.
- A minimum of 40 credits of 300 level or higher courses must be earned.

Programmatic Graduation Requirements

These are the additional graduation requirements mandated by the program:

- All requirements as specified in the College Requirements section must be met.
- Maintain a 2.00 cumulative GPA in the Major Courses and Major Related Requirements sections.

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).

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Big Rapids, MI 49307
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Advising Notes

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*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

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FERRIS STATE UNIVERSITY

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Transfer Equivalencies Tools

The transfer equivalencies link is located in the Transfer Resources section at transfer.ferris.edu.

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HVACR ENGINEERING TECHNOLOGY AND ENERGY MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: HVACR Engineering Technology and Energy Management

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 124

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 311	Advanced Technical Writing	3	EN 249

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 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	No Equivalent or MA 131

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
ECON 201	Principles of Microeconomics	3	EC 252
Varies	Self and Society Electives	6	Varies

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COLLEGE REQUIREMENTS – 84 Credits Required

Major Courses

42 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HVAC 285	Heating, Ventilation, and Air Conditioning System Design Using Business Information Modeling	2	No Equivalent
HVAC 312	Control Theory and Application	4	No Equivalent
HVAC 321	Heating, Ventilation, and Air Conditioning Air System Select and Design	4	No Equivalent
HVAC 325	Heating, Ventilation, and Air Conditioning Hydronic System Select Design	4	No Equivalent
HVAC 342	Load Analysis and Energy Modeling	4	No Equivalent
HVAC 350	Contracting Issues in Heating, Ventilation, Air Conditioning, and Refrigeration	4	No Equivalent
HVAC 393	Summer Internship	4	No Equivalent
HVAC 415	Direct Digital Control	4	No Equivalent
HVAC 451	Energy Audit and Analysis	4	No Equivalent
HVAC 462	Heating, Ventilation, and Air Conditioning Primary Equipment Selection	4	No Equivalent
HVAC 499	Commercial Heating, Ventilation, and Air Conditioning System Design	4	No Equivalent

Associate Degree Coursework

A total of 42 credits is required in HVAC Technology associate degree coursework. Associate Core Courses, include HVAC 127, HVAC 132, HVAC 207, HVAC 208, HVAC 235 and HVAC 245 are required.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Associate Degree Coursework (Advisor Approval)	42	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology

HVACR Engineering Technology and Energy Management Programs

(231) 591-3773

HVACRProgram@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(231) 591-2340

Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The HVACR Engineering Technology and Energy Management, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the HVACR Technology, AAS program.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Students must have completed the Associate of Applied Science (AAS) in HVACR Technology (HVAR) program at Ferris State University or an equivalent associate program at another institution with a minimum 2.50 GPA (on a 4.00 scale).
- Successful completion of COMM 121, ENGL 150 and (ENGL 211 or ENGL 250), MATH 115 or MATH 116, a Natural Science Competency course with lab component, a Self and Society Competency course, or transfer equivalent courses of C grade or higher.
- Fully Online Admission Requirements:
- AAS in HVACR or Related degree with HVAC work experience upon program approval
- 2.5 Cumulative GPA
- Completion of MATH 115 or 116 or equivalent with C or better
- Completion of ENGL 150 or equivalent with C or better (Recommend completion of ENGL 211 or 250) Recommend
- Completion of Natural Science with a Lab with C or higher

MORE INFORMATION

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FERRIS STATE UNIVERSITY

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Michigan Transfer Agreement (MTA)

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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.

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HEALTH CARE SYSTEMS ADMINISTRATION TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Health Care Systems Administration

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 121-125

Catalog Year: 2022-2023

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 or COMM 251	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making or Argumentation and Debate	3	COM 135 or COM 131 or No Equivalent or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing (Must take for Long Term Care Administration Concentration (LTCA))	3	EN 249 or No Equivalent

FERRIS STATE UNIVERSITY

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 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Contemporary Mathematics	4 or 3 or 4	MA 115 or MA 107 or MA 124

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
BIOL 109	Basic Human Anatomy and Physiology	4	BI 117
Varies	Natural Sciences Electives (Consult Advisor)	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
Varies	Culture Electives (Consult Advisor)	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 (Consult Advisor)	9	Varies

COLLEGE REQUIREMENTS – 82-85 Credits Required

College of Health Professions (COHP) Core Curriculum

7 Credits Required.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350	Statistics for Health Care	3	No Equivalent

Major Courses

40 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HCSA 120	Health Services Administration	3	No Equivalent
HCSA 202	Health Care Law 1	3	No Equivalent
HCSA 260	Survey of Long Term Care	3	No Equivalent
HCSA 310	Health Care Finance 2	3	No Equivalent
HCSA 336	Health Care Supervisory Practices	3	No Equivalent
HCSA 345	Internship Orientation	1	No Equivalent
HCSA 392	Hospital Internship	6	No Equivalent
HCSA 410	Health Care Finance 3	4	No Equivalent
HCSA 474	Health Care Strategic Application	4	No Equivalent
HCSA 493	Management Internship	10	No Equivalent

Professional Support Courses

26 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MRIS 103	Medical Terminology	3	GH 110 and GH 111
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
ISYS 200	Database Design and Implementation	3	CIS 170
ACCT 201	Principles of Financial Accounting	3	BA 256

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MRIS 209	Quality Management in Health Care	3	No Equivalent
MRIS 221	Foundations of Reimbursement	3	No Equivalent
COHP 300	Health Informatics	3	No Equivalent
COHP 317	Public Health Organizations	2	No Equivalent
ENGL 321 or ENGL 323	Advanced Composition or Proposal Writing	3	No Equivalent

CONCENTRATION – 9-12 Credits Required

Choose one concentration.

HCSA General Concentration (HCSG)

9 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HCSA 225 or HCSA 326 or HCSA 461	International Health Care or Health Care Personnel Practices or Nursing Home Administration	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent
HCSA 475	Practice Management in Health Care	3	No Equivalent

Long Term Care Administration Concentration (LTCA)

12 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HCSA 326	Health Care Personnel Practices	3	No Equivalent
SOCY 345 or COHP 351	The Field of Aging or Introduction to Gerontology	3	GO 262 or No Equivalent
HCSA 461	Nursing Home Administration	3	No Equivalent
HCSA 463	Care Professionals in Long Term Care	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HCSA 465	Long Term Care Facility Management	2	No Equivalent

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Health Administration and Health Information

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)
- Minimum Composite Score of ACT 18/SAT 950 OR 3.0 High School GPA (on a 4.00 scale) and Composite ACT 17/SAT 900

Transfer Student Admission Requirements

- Transfer Student Admission Requirements:
- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 transferable semester credit hours or more.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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

FERRIS STATE UNIVERSITY

- 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

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)

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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.

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FERRIS STATE UNIVERSITY

HEALTH INFORMATION MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Health Information Management
Degree Type: Bachelor of Science
Ferris College: College of Health Professions
Transfer School: Grand Rapids Community College (GRCC)
Consortium Eligible: Yes
Total Credits Required: 124-125
Catalog Year: 2024-2025

GENERAL EDUCATION REQUIREMENTS – 39 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 221	Interpersonal Communication or Small Group Decision Making	3	COM 135 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321	Advanced Composition	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 115	Intermediate Algebra	3	MA 107

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
BIOL 109	Basic Human Anatomy and Physiology	4	BI 117

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Natural Sciences Electives (Consult Advisor)	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 (Consult Advisor)	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 (Consult Advisor)	9	Varies

COLLEGE REQUIREMENTS – 85 Credits Required

College of Health Professions (COHP) Core Curriculum

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350	Statistics in Health Care	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent

Major Courses

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MRIS 101	Introduction to Health Information Systems	4	No Equivalent
MRIS 103	Medical Terminology	3	GH 110 and GH 111
MRIS 121	Health Information Statistics	2	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MRIS 122	Health Information Concepts	4	No Equivalent
MRIS 204	ICD-10-CM Coding	4	No Equivalent
MRIS 205	ICD-10-PCS Coding	4	No Equivalent
MRIS 209	Quality Management in Health Care	3	No Equivalent
MRIS 210	Fundamentals of Disease Processes	4	No Equivalent
MRIS 211	CPT Coding	3	No Equivalent
MRIS 220	Legal and Ethical Aspects in Health Information Management	3	No Equivalent
MRIS 221	Foundations of Reimbursement	3	No Equivalent
MRIS 261	Health Information Technology Review	1	No Equivalent
MRIS 293	Professional Practice 1	6	No Equivalent
MRIS 402	Health Information Management Principles	3	No Equivalent
MRIS 461	Health Information Management Review	1	No Equivalent
MRIS 493	Professional Practice 2	10	No Equivalent

Professional Support Courses

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	CIS 103 or BA 145
COHP 300	Health Informatics	3	No Equivalent
HCSA 310	Health Care Finance 2	3	No Equivalent
HCSA 336	Health Care Supervisory Practices	3	No Equivalent
MRIS 345	Health Information Technology and Health Information Management Internship Orientation	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSCA 474	Health Care Strategic Application	4	No Equivalent

PROGRAM CONTACT INFORMATION

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Department of Health Administration and Health Information

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(231) 591-2340

Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)
- Minimum Composite Score of ACT 18/SAT 950 OR 3.0 High School GPA (on a 4.00 scale) and Composite ACT 17/SAT 900

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Complete all course requirements necessary to complete the Associate of Applied Science (AAS) in Health Information Technology program at Ferris State University or related Associate of Applied Science (AAS) degree.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
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FERRIS STATE UNIVERSITY

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FERRIS STATE UNIVERSITY

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HOSPITALITY MANAGEMENT ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Hospitality Management
Degree Type: Bachelor of Science
Ferris College: College of Business
Transfer School: Grand Rapids Community College (GRCC)
Consortium Eligible: Yes
Articulation Agreement: Yes
Total Credits Required: 121-122
Catalog Year: 2024-2025

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027.

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 135 or COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 325	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

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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	MA 115 or MA 107

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, have at least one 200 level or higher course, and have no more than 5 credits from Culture Competency Activities.

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 200 level or higher course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 + BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

25 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSMG 113	Sanitation and Safety	3	CA 111
HSMG 215	Hospitality Cost Controls	3	No Equivalent
HSMG 292	Hospitality Management Internship 1	3	CA 180
HSMG 300	Guest Service Management	3	No Equivalent
HSMG 360	Hospitality Leadership and Supervision	3	No Equivalent
HSMG 392	Hospitality Management Internship 2	3	No Equivalent
HSMG 403	Hospitality Law	3	No Equivalent
HSMG 499	Hospitality Senior Seminar	3	No Equivalent

Computer Literacy

3 Credits Required. This requirement can be met with a competency exam or Microsoft Certification with elective courses to replace the 3 credits required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 1 of 2) ISYS 103 and ISYS 104	Word and Presentation Applications and Spreadsheet and Integration Applications	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103

CONCENTRATION – 24 Credits Required (Advisor Approval)

Students completing the Pre-Hospitality (Specialized Management), A.A. at Grand Rapids Community College should complete all courses listed in the Specialized Management Concentration section. For questions on this concentration, please see your Ferris advisor.

Food and Beverage Concentration (FAMG)

24 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 of 3) COHP 160 or HSMG 127 or HSMG 226	Nutrition for Healthy Living or Principles of Cooking and Baking or International Cuisine and Culture	3	CA 209 or CA 105 or CA 114
HSMG 207	Bar & Beverage Management	3	CA 233
HSMG 211	Purchasing for Food and Beverage Operations	3	No Equivalent
HSMG 230	Front of House Operations	3	No Equivalent
HSMG 301	Hospitality Facilities Management	3	No Equivalent
HSMG 373	Human Resource Management	3	No Equivalent
HSMG 399	Food and Beverage Operations Management	3	No Equivalent

Lodging Management Concentration (LDMG)

24 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSMG 301	Hospitality Facilities Management	3	No Equivalent
HSMG 305	Convention Sales and Service	3	No Equivalent
MGMT 373	Human Resource Management	3	No Equivalent
HSMG 404	Front Office Operations	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSMG 406	Revenue Management and Hotel Analytics	3	No Equivalent
Varies	Directed Elective (Advisor Approval)	9	Varies

Event Management Concentration (EVMG)

24 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 of 3) HSMG 127 or HSMG 230 or HSMG 392	Principles of Cooking and Baking or Front of House Operations or Hospitality Management Internship 2 (Department Approval)	3	No Equivalent
(Choose 2 of 5) RMIN 200 or HSMG 207 or MKTG 231 or HSMG 301 or PROJ 320	Foundations Risk Management and Insurance or Bar and Beverage Management or Professional Selling or Hospitality Facilities Management or Project Management Fundamentals	3	No Equivalent or CA 233 or BA 172 or No Equivalent or No Equivalent
PREL 240	Public Relations Principle	3	COM 266
HSMG 305	Convention Sales and Service	3	No Equivalent
HSMG 401	Event Management 1	3	No Equivalent
HSMG 402	Event Management 2	3	No Equivalent

Specialized Management Concentration (SPCG)

24 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSMG 111	Principles of Food Science	3	CA 209
HSMG 2--	General Subject Credit 200 Level	2	CA 243
HSMG 207	Bar & Beverage Management	3	CA 233
HSMG 211	Purchasing for F&B Operations	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
HSMG 229 and HSMG 2--	Table Service and HSMG General Credit 200 Level	4	CA 115
HSMG 3--	HSMG General Credit 300 Level	4	CA 245
HSMG 2--	HSMG General Credit 200 Level	3	CA 200
HSMG 399	Food and Beverage Ops Mgt	3	No Equivalent
Varies	Directed Elective		Varies

PROGRAM CONTACT INFORMATION

College of Business

Hospitality Management Department

(231) 591-2382

Hospitality@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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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 [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.

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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

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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.

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INDUSTRIAL TECHNOLOGY AND MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Industrial Technology and Management

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS — 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or No Equivalent

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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 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	No Equivalent or MA 131

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
PHYS 211	Introductory Physics 1	4	PH 125
Varies	Natural Sciences Elective	2	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 – 80 Credits Required

Major Courses

39 Credits Required. These courses are used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MGMT 301	Applied Management	3	BA 283
PROJ 320	Project Management Fundamentals	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 321	Principles of Marketing	3	BA 270
COHP 330	OSHA Law	2	No Equivalent
MFGE 341	Quality Science Statistics	3	No Equivalent
APPS 350	Automation and Technology Management	3	No Equivalent
APPS 351	Lean Thinking Production Flow and Plant	3	No Equivalent
MFGE 352	Design for Manufacturing	2	No Equivalent
MGMT 370	Quality and Operations Management	3	BA 175 and BA 278
APPS 401	Contemporary Issues in Industrial Management	3	No Equivalent
APPS 420	Manufacturing Certification and Standardization	3	No Equivalent
MFGE 423	Engineering Economics	2	No Equivalent
APPS 450	Manufacturing Improvement Management	3	No Equivalent
APPS 499	Senior Project Capstone	3	No Equivalent

Manufacturing, Industrial, or Business-Related Requirements

40 Credits Required. Courses in this section are typically taken from previous coursework at the community college-level in fields relating to business, industrial topics, manufacturing, or engineering, or from other sources, such as the United States Military or college-level apprenticeship programs. Other options are available and should be discussed with a program advisor. These courses are not used to calculate the major 2.75 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Advisor Approval)	40	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Industrial Technology and Management Program
(586) 445-7150
ITMPPProgram@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Industrial Technology and Management, BAS degree is only open to students who meet the Transfer Student Admission Requirements below.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- The degree completion program at a statewide and online location requires 48 transferable semester credits to be admitted.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University.
- It is highly recommendable that applicants have a minimum of five years of industrial or manufacturing experience.

MORE INFORMATION

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Advising Notes

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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

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INFORMATION SECURITY AND INTELLIGENCE TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Information Security and Intelligence

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-127

Catalog Year: 2022-2023

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.

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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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities. A foreign language course is recommended.

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

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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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	EC 252 or EC 251
Varies	Self and Society Elective	6	Varies

COLLEGE REQUIREMENTS – 81-87 Credits Required

Business Core Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
STQM 260	Introduction to Statistics	3	BA 254 or MA 215
MGMT 301	Applied Management	3	BA 283
MKTG 321	Principles of Marketing	3	BA 270

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISIN 121	Digital Security Awareness	3	CIS 178
ISIN 200	Secure Digital Technologies	3	No Equivalent
ISIN 209	Network Security	3	CIS 233
STQM 270	Introduction to Data Mining	3	No Equivalent
ISIN 300	Link and Visual Analysis	3	No Equivalent
ISIN 301	Data and Intelligence Competitive Theory	3	No Equivalent
ISIN 306	Security Informatics	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISIN 308	Principles of Information Security	3	No Equivalent
DFOR 310	Digital Forensics and Analysis	3	No Equivalent
ISIN 312	Applications of Information Security	3	No Equivalent
ISIN 317	Fraud Examination	3	No Equivalent
PROJ 320	Project Management Fundamentals	3	No Equivalent
ISIN 325	Database Security	3	No Equivalent
STQM 360	Risk Analysis and Strategy	3	No Equivalent
ISIN 380	Current Issues in Information Security and Intelligence	3	No Equivalent
ISIN 409	Network Forensics and Analysis	3	No Equivalent
ISIN 429	Legal and Ethical Issues in Information Security	3	No Equivalent
ISIN 491	Information Security and Intelligence Internship	3	No Equivalent
ISIN 499	Capstone Experience	3	No Equivalent

CONCENTRATION OR MINOR – 12-18 Credits Required

A minimum of 12 credits is required, choose one of the following: 1) A prescribed concentration from within this section; 2) A custom concentration that can be developed with an advisor; 3) An advisor approved minor. It is important to note that all courses and concentrations may not be available at all campuses.

Digital Forensics and Penetration Testing Concentration (DFPN)

12 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DFOR 315	Advanced Digital Forensics	3	No Equivalent
ISIN 335	Penetration Testing and Cloud Security	3	No Equivalent
ISIN 430	Penetration Testing and Mobile Security	3	No Equivalent
DFOR 454	CyberSec Incident Response	3	No Equivalent

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Data Mining Concentration (DTMN) (Available at the Big Rapids Campus Only)

12 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
STQM 322	Inferential Statistics	3	No Equivalent
ISIN 335	Penetration Testing and Cloud Security	3	No Equivalent
STQM 342	Data Mining Tools	3	No Equivalent
Varies	Directed Elective (Advisor Approval)	3	No Equivalent

Foreign Language Concentration (FRL)

12 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Varies (Advisor Approval)	12	Varies

Custom Concentration (CUST)

12 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Varies (Advisor Approval)	12	Varies

Minor

18 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Varies (Advisor Approval)	18	Varies

PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

FERRIS STATE UNIVERSITY

(231) 591-2340

Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Minimum 3.00 High School GPA (on a 4.00 scale)
- Minimum Composite ACT score of 22 and ACT Math score of 22 or SAT Math score of 550.
- All students applying for admission to the Information Security and Intelligence program will have to submit a 750 to 1,000 word essay that addresses the following:
 - Who they are and why they desire admission to the Information Security and Intelligence program.
 - A description of a personal quality, talent, accomplishment, contribution, or experience.
 - A description of someone that influenced them and why.

Transfer Student Admission Requirements

- Combined college or university GPA of 3.00 (on a 4.00 scale) from all institutions attended.
- GPA is based on completion of 24 credit hours or more.
- Completion of the transfer equivalency for Ferris State University's MATH 115 with a grade of C or higher or have either a minimum ACT Math score of 22 or SAT Math score of 550.
- All students applying for admission to the Information Security and Intelligence program will have to submit a 750 to 1,000 word essay that addresses the following:
 - Who they are and why they desire admission to the Information Security and Intelligence program.
 - A description of a personal quality, talent, accomplishment, contribution, or experience.
 - A description of someone that influenced them and why.

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).

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 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
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Advising Notes

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FERRIS STATE UNIVERSITY

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INTEGRATIVE STUDIES TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Integrative Studies

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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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	COM 135 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
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	EN 249 or No Equivalent or No Equivalent or 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	MA 115 MA 107

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 STATE UNIVERSITY

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

PROGRAM CONTACT INFORMATION

College of Arts, Sciences, & Education
(231) 591-3660
CASDeansOffice@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340

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

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).

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Advising Notes

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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

FERRIS STATE UNIVERSITY

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.

MANUFACTURING ENGINEERING TECHNOLOGY ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Manufacturing Engineering Technology

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 120-124

Catalog Year: 2024-2025

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027.

GENERAL EDUCATION REQUIREMENTS — *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.

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Communication Competency

If the Process Development Concentration (PDV) is chosen, MFGE 324, 393, and 421 are major and concentration courses that are also considered Communication Across the Curriculum (CATCs) courses and satisfy the upper-level Communication requirement. If the Quality Concentration (QTY) is chosen, the upper-level Communication requirement is met by ENGL 311.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
Choose 1 of 3 ENGL 311	Advanced Technical Writing	3	EN 249
Choose 1 of 3 ENGL 321	Advanced Composition or Advanced Business Writin	3	No Equivalent
Choose 1 of 3 MFGE 324 and MFGE 393 and MFGE 421	Principles of Process Planning 1 + Internship in Manufacturing Engineering + Automation and Systems Design	3 + 4 + 4	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 220	Analytical Geometry and Calculus 1	4	MA 133

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
PHYS 211	Introductory Physics 1	4	PH 125
Varies	Natural Sciences Elective	2	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.

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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 – 81-85 Credits Required

Major Courses

32 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MFGE 311	Industrial Engineering	4	No Equivalent
MFGE 321	Metrology	3	No Equivalent
MFGE 322	Production Processes	3	No Equivalent
MFGE 340	Statics and Strengths of Materials	4	No Equivalent
MFGE 341	Quality Science Statistics	3	No Equivalent
MFGE 342	Statistical Process Engineering	3	No Equivalent
MFGE 354	Lean Manufacturing	3	No Equivalent
MFGE 393	Internship in Manufacturing Engineering	4	No Equivalent
MFGE 423	Engineering Economics	2	No Equivalent
MFGE 442	Design of Experiments 1	3	No Equivalent

Electives

31-33 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 31 to 33 credits of elective courses to meet the required 120 credit minimum. The total number of elective credits required depends on the chosen concentration in the Concentration section.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MECH 122 or ISYS 105	Computer Applications 1 for Technology or	2 or 3	CIS 103 or BA 145

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Introduction to Microcomputer Systems and Software		
MATH 126 or MATH 130	Algebra and Analytical Trigonometry or Advanced Algebra and Analytical Trigonometry	4	MA 108 and MA 110 or MA 131
MATL 240	Introduction to Material Science	4	TE 114
MFGT 150	Manufacturing Processes	2	MN 119
PDET 122	Parametric Modeling	1	DR 150 or DR 258 or DR 260
Varies	Electives (Consult Advisor)	31-33	Select MN 224, MN 242, and MN 244 and <i>one</i> of the following courses: DR 241, EG 110, MN 165, MN 217, or MN 219

CONCENTRATION – 18-20 Credits Required (Advisor Approval)

Choose One Concentration

Process Development Concentration (PDV)

20 Credits Required. Available at Both Big Rapids and Grand Rapids Campuses.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MFGE 312	CNC and CAM	4	No Equivalent
MFGE 324	Principles of Process Planning 1	3	No Equivalent
PLTS 325	Plastics Technology	2	MN 220
MFGE 411	Principles of Process Planning 2	2	No Equivalent
WELD 416	Production Welding Processes	2	No Equivalent
MFGE 421	Automation and Systems Design	4	No Equivalent
MFGE 422	Manufacturing Facilities Planning	3	No Equivalent

Quality Concentration (QTY)

18 Credits Required. Available at Grand Rapids Campus Only.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 311	Advanced Technical Writing	3	EN 249
MATL 341	Material Selection Metals	3	No Equivalent
MFGE 443	Continuous Improvement	3	No Equivalent
MFGE 444	Quality Auditing	3	No Equivalent
MFGE 446	Design of Experiments 2	3	No Equivalent
MFGE 447	Quality Planning	3	No Equivalent

PROGRAM CONTACT INFORMATION

College of Engineering Technology

Manufacturing Engineering Technology Programs

(231) 591-2511

ManufacturingDegrees@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Manufacturing Engineering Technology, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Manufacturing Technology, AAS program.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended. Developmental courses will not be considered in computing the GPA requirement.
- Minimum 57 transferable semester credit hours (C or higher) from an accredited college or university, including technical courses, general and technical related courses.
- Successful completion of COMM 121, ENGL 150 and (ENGL 211 or ENGL 250), MATH 126 or MATH 130, MATL 240, MFGE 150, PDET 122, MECH 122 or ISYS 105, a Natural Science Competency course (preferably Chemistry), a Culture Competency course, a Self and Society Competency course, or transfer equivalent courses of C grade or higher.

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 [free application](#).

FERRIS STATE UNIVERSITY

- 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

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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.

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*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.

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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

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FERRIS STATE UNIVERSITY

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.

ARTICULATION AGREEMENT

The original, signed document is kept on file in the Office of Transfer and Secondary School Partnerships. To obtain a copy of the original, signed document, contact the Office of Transfer and Secondary School Partnerships at TransferGuidesArticulations@Ferris.edu.

MARKETING TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Marketing

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or EN 102
ENGL 325	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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 or higher.

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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	MA 115 or BA 150 or MA 107

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, have at least one 200 level or higher course, and have no more than 5 credits from Culture Competency Activities.

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, have at least one 200 level or higher course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150	Introduction to Psychology	3	PY 201
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251

COLLEGE REQUIREMENTS — 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	MA 215 or

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			PY 281 or BA 251
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
ISYS 321	Business Information Systems	3	No Equivalent
FINC 322	Financial Management 1	3	No Equivalent
MGMT 370	Quality and Operations Management	3	BA 175 + BA 278
BUSN 499	Integrating Experience	3	No Equivalent

Additional Requirements

9 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Micro Systems and Software	3	BA 145 or CIS 103
Varies	Free Electives (Advisor Approval)	6	Varies

Major Courses

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 231	Professional Selling	3	BA 172
AIMC 300	Principles of Advertising/ Integrated Marketing Communications	3	BA 174
MGMT 310 or Marketing Elective (Advisor Approval)	Small Business Management or Marketing Elective	3	BA 286
MKTG 322	Consumer Behavior	3	No Equivalent
MKTG 378	Marketing Data Analysis	3	No Equivalent
MKTG 425	Marketing Research	3	No Equivalent
MKTG 441	International Marketing	3	No Equivalent
MKTG 472	Supply Chain Management	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 491	Marketing Internship	3	No Equivalent
MKTG 499	Marketing Strategy Capstone	3	No Equivalent

CONCENTRATION – 12 Credits Required (Advisor Approval)

Choose One Concentration

Specializations in Marketing Concentration (SMKT)

These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Marketing Electives (Advisor Approval)	12	Varies

Marketing Industry Specific Concentration (MKIS)

These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Industry Specific Electives (Advisor Approval)	12	Varies

PROGRAM CONTACT INFORMATION

College of Business

Marketing

(231) 591-2426

MKTG@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:

a. ERW SAT score of 450 or higher.

b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).

c. Composite SAT of 900 or higher.

- ACT Scores Two of the Three Criteria:

a. English ACT score of 16 or higher.

b. Math ACT score of 19 or higher.

c. Reading ACT score of 19 or higher.

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Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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).

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Steps to Apply

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- Submit official transcripts
 - Submit official transcripts from every school attended to Transfer@Ferris.edu
 - Or mail to:
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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

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from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

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MECHANICAL ENGINEERING TECHNOLOGY ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR KALAMAZOO VALLEY COMMUNITY COLLEGE

Ferris Program: Mechanical Engineering Technology

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Kalamazoo Valley Community College (KVCC)

Consortium Eligible: No

Articulation Agreement: Yes

Total Credits Required: 130-131

Catalog Year: 2024-2025

The effective dates of this articulation agreement are under revision.

GENERAL EDUCATION REQUIREMENTS – 56-57 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. Ferris State University General Education www.ferris.edu/gened.

FERRIS STATE UNIVERSITY

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 101
ENGL 150	English 1	3	ENG 110
ENGL 250	English 2	3	ENG 111 or ENG 160
ENGL 311	Advanced Technical Writing	3	ENG 227

Quantitative Literacy Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 116	Intermediate Alegbra and Numerical Trigonometry	4	MATH 106
MATH 120	Trigonometry	3	MATH 152

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
PHYS 211	Introductory Physics 1	4	PHY 111
PHYS 212	Introductory Physics 2	4	PHY 112

Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one 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, have at least one 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

Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CHEM 103	Preparatory Chemistry	3	*CHM 100, 101, and 101/111 combo or higher can be substituted.
MATH 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra Analytical Trigonometry	4	No Equivalent or MATH 156
MATH 216 or MATH 220	Applied Calculus or Analytical Geometry and Calculus 1	4	No Equivalent or MATH 160
MATH 226 or MATH 230	Fourier Series and Applied Differential Equations or Analytical Geometry and Calculus 2	4	No Equivalent or MATH 162

COLLEGE REQUIREMENTS – 74 Credits Required

Major Courses

48 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MECH 111	Mechanical Engineering Technology Seminar	1	No Equivalent
MECH 122	Computer Apps 1 for Technology	2	No Equivalent
MECH 211	Fluid Mechanics	4	No Equivalent
MECH 212	Kinematics of Mechanisms	2	EDMT 210
MECH 222	Machine Design	4	EDMT 245
MECH 223	Thermodynamics	3	No Equivalent
MECH 311	Finite Element Analysis and Modeling	2	EDMT 225
MECH 322	Computer Apps for Technology	2	No Equivalent
MECH 330	Heat Transfer	3	No Equivalent
MECH 332	Mechanical Measurements and Mechatronics	3	No Equivalent
MECH 340	Statics and Strengths of Materials	4	EDMT 215

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MECH 341	Lab for Statics and Strengths of Materials	1	No Equivalent
MECH 360	Dynamics	3	No Equivalent
MECH 393	Industrial Internship	4	No Equivalent
MECH 421	Mechanical Engineering Technology Senior Lab	4	No Equivalent
MECH 440	Noise and Vibrations	3	No Equivalent
MECH 498	Senior Project 1	1	No Equivalent
MECH 499	Senior Project 2	2	No Equivalent

Technical Related Courses

26 Credits Required. In addition to the required courses within this section, 6 credits are required in Approved Technical Electives. Any combination of 6 credits or more can be taken between the two electives.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ETEC 140	Engineering Graphics Comprehensive	3	No Equivalent
MFGT 150	Manufacturing Processes	2	EDMT 103
EAET 201	Electrical Fundamentals	3	ELT 102
MATL 240	Introduction to Material Science	4	EDMT 260
MATL 341	Material Selection Metals	3	No Equivalent
MFGE 341	Quality Science Statistics	3	No Equivalent
MFGE 423	Engineering Economics	2	No Equivalent
Varies	Approved Technical Elective	6	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Survey Engineering Technology Programs
(231) 591-2633
Surveying@Ferris.edu

Ferris Statewide - Kalamazoo Valley Community College
(269) 782-1214
FerrisSW@Ferris.edu

FERRIS STATE UNIVERSITY

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.75 High School GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Minimum Composite Score of ACT 18/SAT 950, Math Score of ACT 26/SAT 620,
- Placement into MATH 220

Transfer Student Admission Requirements

- 2.50 College GPA (on a 4.00 scale)
- Placement into MATH 120 or higher

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).

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- 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

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

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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.

ARTICULATION AGREEMENT

The original, signed document is kept on file in the Office of Transfer and Secondary School Partnerships. To obtain a copy of the original, signed document, contact the Office of Transfer and Secondary School Partnerships at TransferGuidesArticulations@Ferris.edu.

MUSIC AND ENTERTAINMENT BUSINESS ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Music and Entertainment Business

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Articulation Agreement: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

The effective dates for this articulation agreement are September 1, 2021 - September 1, 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 [general education page](#) for more information.

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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 211 or ENGL 250	Industrial and Career Writing or English 2	3	BA 102 or EN 102
ENGL 325	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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. The courses depend on chosen minor, please see your advisor prior to registering for courses.

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, and have no more than 5 credits from Culture Competency Activities.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MUSI 121 or MUSI 221 or MUSI 228 or MUSI 236 or	Fundamentals of Music and 1-Credit Music (MUSI) Activity Course or Music Appreciation or	3	MUS 112 or MUS 113 or No Equivalent or MUS 130 or No Equivalent or

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Three 1-Credit Music (MUSI) Activity Courses	American Pop Music Since 1900 or Music in Film or Three 1-Credit Music (MUSI) Activity Courses		No Equivalent
PHOT 101 or THTR 219 or HUMN 240 or FILM 360	Photography or Beginning Technical Theatre or Popular Culture or Gender and Race in Film	3	PO 101 or TH 261 or TH 262 or No Equivalent or No Equivalent
MUSI 232	Music and Culture	3	MUS 110

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150	Introduction to Psychology	3	PY 201
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
ISYS 321	Business Information Systems	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
FINC 322	Financial Management 1	3	No Equivalent
MGMT 370	Quality and Operations Management	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

26 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MEBM 101	Music and Entertainment Business Industry Fundamentals	1	No Equivalent
MEBM 192	Music and Entertainment Business Internship 1	2	No Equivalent
MEBM 292	Music and Entertainment Business Internship 2	2	No Equivalent
MKTG 322	Consumer Behavior	3	No Equivalent
MEBM 351	The Music and Entertainment Business	3	No Equivalent
MEBM 358	Survey of Music Technology	3	MUS 173
MKTG 378	Marketing Data Analysis	3	No Equivalent
MKTG 425	Marketing Research	3	No Equivalent
(Choose 2 of 4) MKTG 231	Professional Selling	3	BA 172
(Choose 2 of 4) PREL 240	Public Relations Principles	3	No Equivalent
(Choose 2 of 4) Directed Elective (Advisor Approval)	Directed Elective (Advisor Approval)	3	No Equivalent
(Choose 2 of 4) Directed Elective (Advisor Approval)	Directed Elective (Advisor Approval)	3	No Equivalent

Computer Literacy

This requirement can be met with a competency exam or Microsoft Certification with elective courses to replace the 3 credits required. These courses are not used to calculate the major 2.00 GPA requirement.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145

Minor or MEBM Specialized Concentration (SPZD)

A total of 18 credits is required with a maximum of 6 to 7 credits overlapping courses with degree must be substituted with directed electives to meet requirement to have a minimum of 120 credits. One course must be 300 level or higher. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Directive Elective (Advisor Approval)	15	Varies
Varies	Directive Elective - 300 Level or Higher (Advisor Approval)	3	Varies

Electives

4 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 4 credits of elective courses to meet the required 120 credit minimum. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Advisor Approval)	4	Varies

PROGRAM CONTACT INFORMATION

College of Business

Marketing

(231) 591-2426

MKTG@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:

a. ERW SAT score of 450 or higher.

b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).

c. Composite SAT of 900 or higher.

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- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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 [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.

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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

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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.

NUCLEAR MEDICINE TECHNOLOGY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Nuclear Medicine Technology

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 47-48 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.

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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	COM 135 or COM 131 or No Equivalent
* ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or No Equivalent

* These courses are qualifying courses for entry into the Nuclear Medicine (NM) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

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	MA 115 or MA 107

* This course is a qualifying courses for entry into the Nuclear Medicine (NM) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

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
* CHEM 114	Introduction to General Chemistry	4	CHM 120
* PHYS 130	Concepts in Physics	4	PH 111

* These courses are qualifying courses for entry into the Nuclear Medicine (NM) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

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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 (Consult Advisor)	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 (Consult Advisor)	9	Varies

Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 251	Human Anatomy	3	BI 121
* BIOL 252	Human Physiology	3	BI 122

* These courses are qualifying courses for entry into the Nuclear Medicine (NM) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

COLLEGE REQUIREMENTS – 73 Credits Required

College of Health Professions (COHP) Core Curriculum

11 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COHP 100	Orientation to Medical Vocabulary	1	GH 110
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350	Statistics in Health Care	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 450	Evidence-Based Health Care	3	No Equivalent

* This course is a qualifying courses for entry into the Nuclear Medicine (NM) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

Major Courses

60 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NUCM 100	Introduction to Nuclear Medicine	1	No Equivalent
NUCM 101	Practical Mathematics in Nuclear Medicine	1	No Equivalent
NUCM 110	Principles and Practices of Nuclear Medicine	3	No Equivalent
NUCM 111	Principles and Practices of Nuclear Medicine Laboratory	1	No Equivalent
NUCM 205	Nuclear Medicine Instrumentation	3	No Equivalent
NUCM 206	Nuclear Medicine Instrumentation Laboratory	1	No Equivalent
NUCM 215	Clinical Procedures 1	4	No Equivalent
NUCM 216	Clinical Procedures 1 Laboratory	1	No Equivalent
NUCM 240	Cross Sectional Imaging	3	No Equivalent
NUCM 310	PET, CT, and MR Imaging	4	No Equivalent
NUCM 320	Clinical Procedures 2	4	No Equivalent
NUCM 321	Clinical Procedures 2 Laboratory	1	No Equivalent
NUCM 340	Advanced Imaging Techniques	2	No Equivalent
NUCM 350	Nuclear Cardiology	2	No Equivalent
NUCM 351	Nuclear Cardiology Laboratory	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NUCM 360	Management and Leadership in Nuclear Medicine Technology	3	No Equivalent
NUCM 370	Pharmacology in Nuclear Medicine	1	No Equivalent
NUCM 485	Nuclear Medicine Technology Theory 1	1	No Equivalent
NUCM 486	Nuclear Medicine Technology Theory 2	1	No Equivalent
NUCM 493	Clinical Application in Nuclear Medicine Technology 1	10	No Equivalent
NUCM 494	Clinical Application in Nuclear Medicine Technology 2	10	No Equivalent
NUCM 499	Capstone for Nuclear Medicine Technology	2	No Equivalent

Electives (Consult Advisor)

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.

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

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Diagnostic, Laboratory and Therapeutic Sciences

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)
- Minimum Composite Score of ACT 18/SAT 950 OR 3.0 High School GPA (on a 4.00 scale) and Composite ACT 17/SAT 900

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Transfer Student Admission Requirements

- 2.50 College GPA (on a 4.00 scale)

Admission Requirements for the Professional Sequence

- 2.50 College GPA (on a 4.00 scale)
- Obtain a grade of C or higher in the following courses: MATH 115, CHEM 114, BIOL 251/252, PHYS 130, COHP 100, ENGL 150, Communication Competency course, and Culture Competency elective course. -
- All Mathematics (MATH), Biology (BIOL), Physics (PHYS), and Chemistry (CHEM) courses must meet the above requirements within two attempts. A withdrawal, W grade, counts as an attempt.

Application Accepted: February 1st - 15th prior to summer semester requested.

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 [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

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

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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.

NURSING - RN TO BSN COMPLETION TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Nursing - RN to BSN Completion

Degree Type: Bachelor of Science in Nursing

Ferris College: College of Health Professions

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

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	3	COM 135 or COM 131 or No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Speaking or Small Group Decision Making		
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321	Advanced Composition	3	No Equivalent

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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 or MATH 116 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics	4 or 3 or 4 or 4	MA 115 or MA 107 or No Equivalent or MA 124

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
BIOL 108	Medical Microbiology	3	BI 126 or BI 127
BIOL 251 and BIOL 252	Human Anatomy and Human Physiology	6	BI 121 and BI 122

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 (Consult Advisor)	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.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Self and Society Electives (Consult Advisor)	9	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

College of Health Professions (COHP) Core Curriculum

11 Credits Required. COHP 100, 101, and 102 can be met with a Registered Nurse (RN) license or associate degree in nursing.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 100	Orientation to Medical Vocabulary	1	Varies
COHP 101	The United States Health Care System	3	Varies
COHP 102	Safety Issues in Health Care	1	Varies
COHP 350	Statistics in Health Care	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent

Major Courses

65 Credits Required. A Registered Nurse (RN) license or associate degree in nursing satisfies 40 of the 65 credits required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS AAS	ADN or Diploma RN Program	40	Varies
NURS 320	RN to BSN Skills Acquisition	3	No Equivalent
NURS 324	Transition into Professional Nursing	3	No Equivalent
NURS 310	Population Based Health Promotion	3	No Equivalent
NURS 340	Community Nursing	3	No Equivalent
NURS 440	Leadership in Nursing	3	No Equivalent
NURS 450	Nursing Capstone	3	No Equivalent
NURS 495	Senior Capstone Leadership Practicum	4	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 1 of 8) COHP 300	Health Informatics	3	No Equivalent
(Choose 1 of 8) NURS 300	Pathophysiology for Nursing Practice	3	No Equivalent
(Choose 1 of 8) NURS 314	Gerontological Nursing	3	No Equivalent
(Choose 1 of 8) NURS 315	End of Life Nursing Care	3	No Equivalent
(Choose 1 of 8) NURS 316	Transcultural Nursing	3	No Equivalent
(Choose 1 of 8) NURS 317	Spirituality in Nursing Care	3	No Equivalent
(Choose 1 of 8) NURS 319	Disaster Nursing and Emergency Preparedness	3	No Equivalent
(Choose 1 of 8) Varies	Elective Course (Advisor Approval)	3	No Equivalent

Electives (Consult Advisor)

5 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 5 credits of elective courses to meet the required 120 credit minimum.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Consult Advisor)	5	Varies

PROGRAM CONTACT INFORMATION

College of Health Professions
[School of Nursing](#)
(231) 591-2259
CHP@Ferris.edu

[Ferris Statewide - GRCC](#)
(616) 451-4777
FSUGR@Ferris.edu

[Ferris Online](#)
(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- An associate degree in Nursing with a 2.50 College GPA (on a 4.00 scale)
- Registered Nursing (RN) License

FERRIS STATE UNIVERSITY

Transfer Student Admission Requirements

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Students must have previously earned an associate degree in nursing as well as their Registered Nursing (RN) license.

RN to BSN Concurrent Admissions

Students can be concurrently admitted to our Bachelor of Science in Nursing simultaneously while they are completing their Associate Degree in Nursing.

- Combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
- Students must be enrolled in the Associate Degree in Nursing and have at least one semester of nursing coursework in progress or completed to be considered for the concurrent admissions option.

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 [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

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

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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.

PHARMACEUTICAL SCIENCES TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Pharmaceutical Sciences
Degree Type: Bachelor of Science
Ferris College: College of Pharmacy
Transfer School: Grand Rapids Community College (GRCC)
Consortium Eligible: No
Total Credits Required: 121-123
Catalog Year: 2024-2025

GENERAL EDUCATION REQUIREMENTS – 44 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	3	COM 135 or COM 131

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Fundamentals of Public Speaking		
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321	Advanced Composition	3	No Equivalent

Quantitative Literacy Competency Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 220	Analytical Geometry and Calculus 1	4	MA 133

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
CHEM 121	Introduction to General Chemistry	5	CHM 130 and CHM 131
CHEM 122	Introductory Physics 1	5	CHM 140 and CHM 141

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
SOCY 121	Introductory Sociology	3	SO 251
PSYC 150	Introduction to Psychology	3	PY 201
Varies	Self and Society Electives	3	Varies

COLLEGE REQUIREMENTS – 77-79 Credits Required

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Major Courses

77-79 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BIOL 121	General Biology 1	4	BI 151 and BI 152
BIOL 122	General Biology II	4	BI 151 and BI 152
MATH 251	Stats for Life Sciences	3	MA 215
BIOL 286	General Microbiology	3	No Equivalent
BIOL 321	Human Physiology-Anatomy 2	4	No Equivalent
CHEM 321	Organic Chemistry 1	5	CHM 260 and CHM 261
BIOL 322	Human Physiology-Anatomy 2	4	No Equivalent
CHEM 322	Organic Chemistry 2	5	CHM 270 and CHM 271
PHAR 515	Pharmacy & Health Care System 1	3	No Equivalent
PHAR 516	Pharmacy & Health Care System 2	3	No Equivalent
PHAR 519	Foundations-Pharmacotherapy 1	3	No Equivalent
PHAR 520	Foundations-Pharmacotherapy 2	3	No Equivalent
PHAR 523	Dosage Forms & Biopharmaceutic	4	No Equivalent
PHAR 524	Dosage Forms & Pharmacokinetic	4	No Equivalent
PHAR 526	Technology in Healthcare	1	No Equivalent
PHAR 531	Over-the-Counter Pharmacotherapy	3	No Equivalent
PHAR 587	Pharmacy Skills & Patient Care 1	3	No Equivalent
PHAR 588	Pharmacy Skills & Patient Care 2	2	No Equivalent

Choose 13 of 15 Credits:

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHAR 593	Medication Distrib Comm IPPE	2	No Equivalent
PHAR 619	Integrated Pharmacotherapy 1	4	No Equivalent
PHAR 620	Integrated Pharmacotherapy 2	4	No Equivalent
PHAR 621	Integrated Pharmacotherapy 3	4	No Equivalent
PHAR 622	Integrated Pharmacotherapy 4	4	No Equivalent
PHAR 623	Integrated Pharmacotherapy 5	4	No Equivalent
PHAR 624	Integrated Pharmacotherapy 6	4	No Equivalent
PHAR 640	Drug Lit, Informatics & Biostats	3	No Equivalent
PHAR 651	Introduction to Public Health	2	No Equivalent
PHAR 653	Topics in Nutrition Biochem	2	No Equivalent
PHAR 654	Current Controversies in Health Care	2	No Equivalent
PHAR 658	PHarmaceutical Science Seminar	2	No Equivalent
PHAR 659	Botanical Supple - Alt Therapy	2	No Equivalent
PHAR 664	Medicinal Chemistry Research	2	No Equivalent
PHAR 665	Select Topics in Medicinal Chemistry	2	No Equivalent
PHAR 667	Carcinogenesis	2	No Equivalent
PHAR 673	Intro Pharm Research Exp	2	No Equivalent
PHAR 674	Biosynthesis of Natural Products	2	No Equivalent
PHAR 675	History of Pharmacy	2	No Equivalent
PHAR 676	Leadership Development	2	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHAR 677	Patient Safety in Med Use System	2	No Equivalent
PHAR 678	Veterinary Pharmacy	2	No Equivalent
PHAR 679	Drug Discovery	2	No Equivalent
PHAR 691	Direct Patient Care IPPE 1	0.5	No Equivalent
PHAR 693	Med Distrib Health System IPPE	2	No Equivalent

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Welding Engineering Technology Programs
(231) 591-2511
WeldingDegrees@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

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 [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.

FERRIS STATE UNIVERSITY

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

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)

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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

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

PLASTICS ENGINEERING TECHNOLOGY ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Plastics Engineering Technology

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 132

Catalog Year: 2024-2025

FERRIS STATE UNIVERSITY

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027.

GENERAL EDUCATION REQUIREMENTS – 46 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311	Advanced Technical Writing	3	EN 249

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 120	Trigonometry	3	MA 108

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. The courses depend on chosen minor, please see your advisor prior to registering for courses.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CHEM 114	Introduction to General Chemistry	5	CHM 120
CHEM 214	Fundamentals of Organic Chemistry	4	CHM 240

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

FERRIS STATE UNIVERSITY

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

Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHYS 211	Introductory Physics 1	4	PH 125

COLLEGE REQUIREMENTS – 86 Credits Required

Major Courses

60 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PPET 100	Survey of Plastics and Elastomer Technology	2	MN 219
PPET 115	Plastics Product Manufacturing	2	MN 220
PPET 127	Introduction to Processing	4	MN 244
PPET 131	Introduction to Robotics	2	No Equivalent
PPET 193	Industrial Internship	4	No Equivalent
PPET 211	Introduction to Injection Molding	5	MN 242
PPET 212	Plastics Product Development 1	4	DR 241
PPET 222	Plastics and Polymer Material Selection 1	3	MN 219 and MN 220
PPET 223	Plastics Testing	4	MN 165
PPET 280	Introduction to Rubber	2	No Equivalent
PLTS 300	Plastics Engineer Management System	3	No Equivalent
PLTS 312	Plastics Product and Tool Design 2	4	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PLTS 320	Plastics and Elastic Materials	3	No Equivalent
PLTS 321	Advanced Injection Molding	4	No Equivalent
PLTS 393	Industrial Internship 2	4	No Equivalent
PLTS 410	Plastics Costing, Packaging and Economic Issues	3	No Equivalent
PLTS 411	Plastics Decorating and Assembly	4	No Equivalent
PLTS 499	Capstone Project Plastics Seminar	1	No Equivalent
Varies	Plastics (PLTS) or Rubber (RUBR) Major Elective (Consult Advisor)	2	Varies

Technical Related Courses

21 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ETEC 140	Engineering Graphics Comprehensive	3	DR 190 or EG 110
EAET 201	Electrical Fundamentals	3	EL 144
MECH 250	Fluid Power with Controls	2	MN 217
MECH 340	Statics and Strengths of Materials	4	No Equivalent
Varies	Manufacturing Engineering Technology (MFGE) Directed Electives - 300 Level or Higher (Consult Advisor)	9	Varies

Business Elective

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies - Choose GRCC Equivalent from Business Elective List	Business Elective (Consult Advisor)	3	Varies - Choose from GRCC Courses

FERRIS STATE UNIVERSITY

Directed Elective

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Directed Elective (Consult Advisor)	2	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology

Plastics and Rubber Engineering Technology Programs

(231) 591-2640

PlasticsAndRubber@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Plastics Engineering Technology, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Plastics/Polymer Technology, AAS program.

Transfer Student Admission Requirements

- Must have completed an Associate of Applied Science degree in Plastics/Polymer Technology
- 2.75 College GPA (on a 4.00 scale)
- Competency in MATH 120

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).

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Steps to Apply

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Big Rapids, MI 49307
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 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
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FERRIS STATE UNIVERSITY

Advising Notes

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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

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)

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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.

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FERRIS STATE UNIVERSITY

PRODUCT DESIGN ENGINEERING TECHNOLOGY ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Product Design Engineering Technology

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 120-124

Catalog Year: 2024-2025

The effective dates for this articulation agreement are March 1, 2024 to March 1, 2027.

GENERAL EDUCATION REQUIREMENTS – 40-43 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321	Advanced Composition	3	No Equivalent

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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	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. The courses depend on chosen minor, please see your advisor prior to registering for courses.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CHEM 103 or CHEM 114 or CHEM 121	Preparatory Chemistry or Introduction to General Chemistry or General Chemistry 1	3 or 4 or 5	No Equivalent or CHM 120 or CHM 130 and CHM 131
PHYS 211	Introductory Physics 1	4	PH 125

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	AT 139
Varies	Culture Electives	6	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
GEOG 100	Geography of World Regions	3	GE 135
Varies	Self and Society Electives	6	Varies

COLLEGE REQUIREMENTS – 80 Credits Required

Major Courses

27 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PDET 100	Product Design Engineering Technology Orientation and Degree Planning	1	No Equivalent
PDET 210	Design Career Preparation	1	No Equivalent
PDET 311	Seminar in Product Design	1	No Equivalent
PDET 312	Advanced Tolerancing	2	No Equivalent
PDET 321	Applied Mechanics and Kinematics	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PDET 322	Model and Prototype Development	2	DR 150 or DR 258
PDET 411	Machine Design	3	No Equivalent
PDET 412	Statistics and Ergonomics	2	No Equivalent
PDET 413	Applied Fluids and Thermodynamics	3	No Equivalent
PDET 415	Advanced Solid Modeling CAD	2	No Equivalent
PDET 422	Advanced Machine Design	4	No Equivalent
PDET 498	Senior Project 1	1	No Equivalent
PDET 499	Senior Project 2	2	No Equivalent

Additional Requirements

35 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	MA 108 and MA 110 or MA 131
MATH 216 or MATH 220	Applied Calculus or Analytical Geometry and Calculus 1	4	No Equivalent or MA 133
PDET 122 or ETEC 140	Parametric Modeling or Engineering Graphics Comprehensive	3	No Equivalent or DR 190 or EG 110
COMM 336	Technical and Professional Presentation	3	No Equivalent
EAET 201	Electrical Fundamentals	3	EL 144
MATL 240	Introduction to Material Science	4	TE 114
MATL 341	Material Selection Metals	3	No Equivalent
MECH 340	Statics and Strengths of Materials	4	No Equivalent
MFGE 352	Design for Manufacturing	2	No Equivalent
MFGT 150	Manufacturing Processes	2	MN 119
PLTS 342	Plastic Material Selection	3	No Equivalent

FERRIS STATE UNIVERSITY

Electives

18 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 18 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)	18	Varies

PROGRAM CONTACT INFORMATION

College of Engineering Technology

Product Design Engineering Technology Program

(231) 591-2755

PDET@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.75 High School GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Minimum Composite Score of ACT 20/SAT 1030, Math Score of ACT 19/SAT 500, English Score of ACT17/SAT 450 ERW
- Placement into MATH 115 or higher
- Placement into ENGL 150 or higher

Transfer Student Admission Requirements

- 2.5 Cumulative College GPA (on a 4.00 scale)
- Placement into MATH 115 or higher
- Placement into ENGL 150 or higher For Junior Status and smooth transition into the GRCC off campus cohort
 - Minimum completion of 60 transferable semester credit hours or more with a combined college or university GPA of 2.50 (on a 4.00 scale) from all institutions attended.
 - Successful completion of COMM 121, ENGL 150, ENGL 250, MATH 126 or MATH 130, PHYS 211, MATL 240, Introductory Computer Aided Design (CAD) course, a Culture Competency course, a Self and Society Competency course, or transfer equivalent courses of C grade or higher.

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 [free application](#).

FERRIS STATE UNIVERSITY

- 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 Sores; 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

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

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FERRIS STATE UNIVERSITY

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.

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PROJECT MANAGEMENT TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Project Management

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-125

Catalog Year: 2022-2023

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 135 or COM 131
ENGL 150	English 1	3	EN 101
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	BA 102 or EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or 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

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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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81-84 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	BA 207
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 or BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

36 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
PROJ 300	Crisis Management	3	No Equivalent
MGMT 302	Team Dynamics and Organizational Behavior	3	BA 282
MGMT 305	Agile Leadership	3	No Equivalent
PROJ 320	Project Management Fundamentals	3	No Equivalent
PROJ 325	Agile Project Management	3	No Equivalent
PROJ 350	Project Scheduling	3	No Equivalent
PROJ 351	Project Communication	3	No Equivalent
PROJ 420	Managing Procurement	3	No Equivalent
PROJ 444	Project Risk and Quality Management	3	No Equivalent
PROJ 491 or Directed Elective (Advisor Approval)	Project Management Internship or Directed Elective (Advisor Approval)	3	No Equivalent
PROJ 499	Project Management Capstone	3	No Equivalent

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Directed Electives or Minor

15-18 Credits Required. These courses are not used to calculate the major 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Varies (Advisor Approval)	15-18	Varies

PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(231) 591-2340

Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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).

FERRIS STATE UNIVERSITY

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.

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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.

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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.

PUBLIC RELATIONS TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Public Relations

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 120-122

Catalog Year: 2022-2023

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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 325	Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 or higher.

FERRIS STATE UNIVERSITY

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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150	Introduction to Psychology	3	PY 201
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251

COLLEGE REQUIREMENTS – 81-82 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
STQM 260	Introduction to Statistics	3	BA 254 or MA 215 or PY 281
MGMT 301	Applied Management	3	BA 283
BLAW 301	Legal Environment of Business	3	BA 207
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	BA 175 or BA 278
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

33 Credits Required. These courses are used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DSGN 100 or GCOM 131 or DSGN 224	Design Foundations or Building Professional Digital Documents or Web Design and Planning	3	No Equivalent
JRNL 121	Writing for Mass Media	3	JR 251
PREL 201	Public Relations Seminar	3	No Equivalent
PREL 240	Public Relations Principles	3	COM 266
PREL 341	Public Relations Tactics	3	No Equivalent
PREL 360	Reputation Management and Crisis Control	3	No Equivalent
AIMC 370	Social Media and Content Marketing	3	No Equivalent
MKTG 425	Marketing Research	3	No Equivalent
PREL 440	Public Relations Strategy	3	No Equivalent
PREL 455	Public Relations Campaigns	3	No Equivalent
PREL 491	Public Relations Internship	3	No Equivalent

FERRIS STATE UNIVERSITY

Additional Requirements

6 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
SOCY 121 or ANTH 122	Introductory Sociology or Introduction to Cultural Anthropology	3	SO 251 or AN 210

CONCENTRATION – 12-13 Credits Required (Advisor Approval)

Choose One Concentration

Employee Relations Concentration (EMRL)

12 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MGMT 373	Human Resource Management	3	BA 284
MGMT 375	Negotiations	3	No Equivalent
MGMT 385	Recruitment and Selection	3	No Equivalent
Varies	Employee Relations Directed Elective (Advisor Approval)	3	Varies

Investor Relations Concentration (INRL)

12 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
FINC 300	Mathematics and Finance	3	No Equivalent
FINC 312	Financial Markets and Institutions	3	No Equivalent
FINC 323	Financial Management 2	3	No Equivalent
Varies	Finance Directed Elective (Advisor Approval)	3	Varies

Marketing Promotions Concentration (MKPR)

12 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 231	Professional Selling	3	BA 172
AIMC 300	Principals of Advertising and Integrated Marketing Communications	3	BA 174
MKTG 322	Consumer Behavior	3	No Equivalent
Varies	Marketing Promotions Directed Elective (Advisor Approval)	3	Varies

Media Relations Concentration (MDRL)

13 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
TDMP 243	Field Production	3	DMP 215
TDMP 326	Script Writing	3	No Equivalent
JRNL 328	Feature and Opinion Writing	3	No Equivalent
ENGL 411	Professional and Technical Communication	4	No Equivalent

Public Relations Concentration (PURE)

12 Credits Required. These courses are not used to calculate the major 2.50 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Public Relations Directed Electives (Advisor Approval)	12	Varies

PROGRAM CONTACT INFORMATION

College of Business
Marketing
(231) 591-2426
MKTG@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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).

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- Submit test scores (if required)
 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
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Advising Notes

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FERRIS STATE UNIVERSITY

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*Indicates an approved Ferris course substitution

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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.

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

RISK MANAGEMENT AND INSURANCE TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Risk Management and Insurance

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

FERRIS STATE UNIVERSITY

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	COM 105 or COM 131 or No Equivalent
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 325	Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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

Students must substitute General Education elective credits for MATH 114 or 115 if their Math ACT score is 24 or higher or their SAT score is 580 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	MA 115 or MA 107

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, and have no more than 5 credits from Culture Competency Activities.

FERRIS STATE UNIVERSITY

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.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	EC 252
ECON 202	Principles of Macroeconomics	3	EC 251
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 Credits Required. These courses are used to calculate the core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	BA 256
ACCT 202	Principles of Managerial Accounting	3	BA 257
STQM 260	Introduction to Statistics	3	BA 254 or MA 215
MGMT 301	Applied Management	3	BA 283
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	BA 270
MGMT 370	Quality and Operations Management	3	No Equivalent
FINC 322	Financial Management 1	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
RMIN 200	Foundations of Risk Management and Insurance	3	No Equivalent
RMIN 252	Commercial Insurance	3	No Equivalent
RMIN 253	Personal Insurance	3	No Equivalent
RMIN 320	Insurance Company Operations	3	No Equivalent
BLAW 330	Insurance Law	3	No Equivalent
RMIN 461	Risk Management 1	3	No Equivalent
RMIN 462	Risk Management 2	3	No Equivalent
RMIN 489	Risk and Insurance Seminar	3	No Equivalent
MGMT 491	Management Internship	3	No Equivalent

Additional Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	BA 145 or CIS 103
COMM 251 or COMM 332 or COMM 336 or COMM 365 or COMM 370 or Directed Elective (Advisor Approval)	Argumentation and Debate or Persuasive Speaking or Technical and Professional Presentation or Intercultural Communication or Communication and Conflict or Directive Elective (Advisor Approval)	3	No Equivalent or No Equivalent or No Equivalent or COM 236 or No Equivalent or Varies

MINOR OR RISK MANAGEMENT AND INSURANCE AREA OF EMPHASIS – 18 Credits Required

A minimum of 18 credits is required, choose one of the following: 1) A minor; or 2) The Risk Management and Insurance Area of Emphasis.

Minor

These courses are not used to calculate the major 2.00 GPA requirement.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Varies (Advisor Approval)	18	Varies

Risk Management and Insurance Area of Emphasis

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 6 of 15) FINC 300	Mathematics of Finance	3	No Equivalent
(Choose 6 of 15) RMIN 305	Property and Casualty Insurance Licensing	3	No Equivalent
(Choose 6 of 15) MGMT 310	Small Business Management	3	BA 286
(Choose 6 of 15) MGMT 338	Employee Benefits	3	No Equivalent
(Choose 6 of 15) MGMT 350	Management Metrics and Decision Making	3	No Equivalent
(Choose 6 of 15) STQM 360	Risk Analysis and Strategy	3	No Equivalent
(Choose 6 of 15) MGMT 373	Human Resource Management	3	BA 284
(Choose 6 of 15) RMIN 401	Risk and Insurance Technology	3	No Equivalent
(Choose 6 of 15) RMIN 483	Insurance Agency Operations	3	No Equivalent
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 6 of 15) Directed Elective (Advisor Approval)		3	Varies

PROGRAM CONTACT INFORMATION

College of Business
Management Department
(231) 591-2427
MGMT@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

Ferris Online
(231) 591-2340
Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

- SAT Scores - Two of the Three Criteria:
 - a. ERW SAT score of 450 or higher.
 - b. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 - c. Composite SAT of 900 or higher.
- ACT Scores - Two of the Three Criteria:
 - a. English ACT score of 16 or higher.
 - b. Math ACT score of 19 or higher.
 - c. Reading ACT score of 19 or higher.

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- Transfer equivalency for Ferris State University's ENGL 150 or placement during the first semester at Ferris State University which would require an English ACT score of 16 or higher; or ERW SAT score of 450 or higher; or English Accuplacer score of 6 or higher.
- Transfer equivalency for Ferris State University's MATH 114 or 115 or placement during the first semester at Ferris State University which would require a Math ACT score of 19 or higher; Math SAT of 500 or higher; or Math Accuplacer scores: Elementary Algebra score 75 or higher and College Level Math 0 to 49.

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.

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

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.

FERRIS STATE UNIVERSITY

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.

SOCIAL WORK TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Social Work

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 120-121

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 20-21 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

The Communication (COMM) course chosen depends on the Communication (COMM) course taken in the Major Courses section.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 321 or ENGL 323	Advanced Composition or Proposal Writing	3	No Equivalent

* 3 Credits Required: COMM 105, 121, or 221 is met in Major Requirements.

Quantitative Literacy Competency

Requirements for Quantitative Literacy 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

MATH 114 or 117 is recommended.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 114 or MATH 115 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Contemporary Mathematics	4 or 3 or 4	MA 115 or MA 107 or MA 124

Natural Sciences Competency

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

* 4 Credit Biology (BIOL) course is met in Major Requirements.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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.

* 3 Credit Religion (RELG) course is met in Major Requirements.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Culture Electives	6	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.

* Political Science (PLSC), Sociology (SOCY), and Psychology (PSYC) courses are met in Major Requirements.

COLLEGE REQUIREMENTS – 100 Credits Required

Major Requirements

88 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BIOL 101 or BIOL 103 or BIOL 109 or BIOL 111	Genetics Human Aspects or Biological Concepts or Basic Human Anatomy and Physiology or Environmental Biology	4	No Equivalent or BI 101 or BI 117 or No Equivalent
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COM 135 or COM 131 or No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SCWK 110	Introduction to the Social Work Profession	3	No Equivalent
PLSC 121 or PLSC 122	American Government 1 - People and Politics or American Government 2 - Policy Making	3	PS 110 or PS 200
SOCY 121 or ANTH 122 or SOCY 122	Introductory Sociology or Introduction to Cultural Anthropology or Social Problems	3	SO 251 or AN 210 or SO 254
SCWK 130	Social Work Interviewing Skills 1	3	SW 216
PSYC 150	Introduction to Psychology	3	PY 201
SCWK 170	Agency and Program Orientation	1	No Equivalent
SCWK 191	Introductory Field Experience	3	No Equivalent
SCWK 210	Introduction to Social Welfare	3	SW 150
RELG 215 or RELG 325 or RELG 326	Comparative Religions or Eastern Religions or Western Religions	3	HU 281 or No Equivalent or No Equivalent
SCWK 220	Individual and Family Practice	4	No Equivalent
ECON 201 or ECON 202 or SOCY 443	Principles of Microeconomics or Principles of Macroeconomics or Social Stratification and Inequality	3	EC 252 or EC 251 or No Equivalent
SOCY 225 or SOCY 230	Marriage and the Family or Gender Roles in Society	3	SO 270 or No Equivalent
PSYC 226 or EDUC 251	Lifespan Human Development or Human Growth Development	3	PY 232 or CD 118
SCWK 240	Foundations of Practice	3	No Equivalent
SCWK 310	Social Work Policy and Political Advocacy	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SCWK 320	Group and Community Practice	4	No Equivalent
SCWK 330	Social Work Interviewing 2	4	No Equivalent
SOCY 340	Race and Ethnicity in the United States	3	SO 260
SCWK 350	Applied Social Research Methods	3	No Equivalent
SCWK 370	Field Instruction Orientation	1	No Equivalent
SCWK 380 or SCWK 381 or SSCI 450	International Social Work or International Engagement in Haiti or Intercultural Competence	3	No Equivalent
SCWK 450	Applied Social Research Statistics	3	No Equivalent
SCWK 481	Field Instruction Seminar 1	2	No Equivalent
SCWK 482	Field Instruction Seminar 2	2	No Equivalent
SCWK 491	Field Instruction 1	6	No Equivalent
SCWK 492	Field Instruction 2	6	No Equivalent

Electives

12 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 12 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)	12	Varies

PROGRAM CONTACT INFORMATION

College of Arts, Sciences, and Education

Social Work

(231) 591-2737

SocialWork@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

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.

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

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- 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.

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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

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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.

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SURVEYING ENGINEERING TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Surveying Engineering

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 143

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 68 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 121	Fundamentals of Public Speaking	3	COM 131

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 150	English 1	3	EN 101
* ENGL 250	English 2	3	EN 102

* SURE 365, 420, and 465 are Major Courses that are also considered Writing Intensive Courses (WICs) and satisfy the upper-level English requirement.

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 220	Analytical Geometry and Calculus 1	4	MA 133

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
CHEM 121	General Chemistry 1	5	CHEM 130 and CHEM 131
GEOL 131	Geology and Land Use Management	3	No Equivalent

Culture Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 331	Ethics and Professionalism in Engineering Technology	3	No Equivalent
Varies	Cultural Electives	6	Varies

Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines, have at least one 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

FERRIS STATE UNIVERSITY

Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 230	Analytical Geometry and Calculus 2	4	MA 134
PHYS 241	General Physics 1	5	PH 245
PHYS 242	General Physics 2	5	PH 246
MATH 322	Linear Algebra	3	MA 250
MATH 330	Differential Equations	3	MA 257

COLLEGE REQUIREMENTS – 75 Credits Required

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 110	Fundamentals of Surveying	4	No Equivalent
SURE 115	Introduction to Computer Mapping	2	No Equivalent
CONM 121	Materials Properties and Testing	3	AR 105 and AR 106
SURE 215	Surveying Computations	3	No Equivalent
CENG 220	Engineering Surveying	3	No Equivalent
GISC 225	Principles of Geographic Information Systems	3	No Equivalent
CENG 240	Engineering Statistics	3	No Equivalent
SURE 230	Advanced Surveying	3	No Equivalent
GISC 239	Remote Sensing	3	No Equivalent
SURE 272	Programming Applications in Geomatics	2	No Equivalent
CENG 321	Hydraulics Engineering	4	No Equivalent
SURE 340	Photogrammetry	3	No Equivalent
SURE 365	Legal Aspects of Surveying 1	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 366	Evidence and Procedure for Boundary Locations	3	No Equivalent
SURE 372	Adjustment Computations 1	2	No Equivalent
SURE 373	Adjustment Computations 2	3	No Equivalent
SURE 420	Professional Practice of Surveying	3	No Equivalent
CENG 421	Soils Engineering	4	No Equivalent
GISC 425	Technical Issues in Geographic Information Systems and Cartography	3	No Equivalent
SURE 440	Advanced Photogrammetry	3	No Equivalent
SURE 452	Geodesy 1	4	No Equivalent
SURE 453	Geodesy 2	4	No Equivalent
SURE 465	Legal Aspects of Surveying 2	3	No Equivalent
CENG 499	Applied Research in Surveying Engineering	4	No Equivalent

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Survey Engineering Technology Programs
(231) 591-2633
Surveying@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.75 High School GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Minimum Composite Score of ACT 18/SAT 950, Math Score of ACT 26/SAT 620,
- Placement into MATH 220

Transfer Student Admission Requirements

- 2.50 College GPA (on a 4.00 scale)
- Placement into MATH 120 or higher

FERRIS STATE UNIVERSITY

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).

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Big Rapids, MI 49307
- Submit test scores (if required)
 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
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Advising Notes

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*Indicates an approved Ferris course substitution

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FERRIS STATE UNIVERSITY

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

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SURVEYING TECHNOLOGY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Surveying Technology

Degree Type: Associate of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 61

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 28 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Ferris State University General Education www.ferris.edu/gened.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102

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 115	Intermediate Algebra	3	MA 107

Natural Sciences Competency

One course is required with a minimum of 3 credits: must be a lab course.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
GEOL 131	Geology and Land Use Management	3	No Equivalent

Culture Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 331	Ethics and Professionalism in Engineering Technology	3	No Equivalent

Self and Society Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Self and Society Electives	3	Varies

Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 131
MATH 120	Trigonometry	3	MA 108
MATH 130	Advanced Algebra and Analytical Trigonometry	4	MA 110 or MA 131

COLLEGE REQUIREMENTS – 33 Credits Required

Major Courses

29 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CENG 220	Engineering Surveying	3	No Equivalent
GISC 225	Principles of Geographic Information Systems	3	No Equivalent
GISC 239	Remote Sensing	3	No Equivalent
SURE 110	Fundamentals of Surveying	4	No Equivalent
SURE 115	Introduction to Computer Mapping	2	No Equivalent
SURE 215	Surveying Computations	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 230	Advanced Surveying	3	No Equivalent
SURE 272	Programming Applications in Geomatics	2	No Equivalent
SURE 340	Photogrammetry	3	No Equivalent
SURE 365	Legal Aspects of Surveying 1	3	No Equivalent

Technical Related Courses

3 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CONM 121	Materials Properties and Testing	3	AR 105

Additional Requirements

1 Credit Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SURE 100	Introduction to Surveying Engineering	1	No Equivalent

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Survey Engineering Technology Programs
(231) 591-2633
Surveying@Ferris.edu

Ferris Statewide - GRCC
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.75 High School GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Minimum Composite Score of ACT 18/SAT 950, Math Score of ACT 19/SAT 500
- Placement into MATH 115

Transfer Student Admission Requirements

- 2.50 College GPA (on a 4.00 scale)
- Placement into MATH 115

FERRIS STATE UNIVERSITY

MORE INFORMATION

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WELDING ENGINEERING TECHNOLOGY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Welding Engineering Technology

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Grand Rapids Community College (GRCC)

Consortium Eligible: No

Total Credits Required: 129

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 46 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 121	Fundamentals of Public Speaking	3	COM 131
ENGL 150	English 1	3	ENG 101
ENGL 250	English 2	3	ENG 102
ENGL 311	Advanced Technical 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

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- Official Math ACT Score of 24 or Higher

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 130	Advanced Algebra and Analytical Trigonometry	4	MA 131
MATH 220	Analytical Geometry and Calculus 1	4	MA 133

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
CHEM 114	Introduction to General Chemistry	4	CHM 120
PHYS 211	Introductory Physics 1	4	PH 125

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 – 83 Credits Required

Major Courses

35 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
WELD 212	Quality Testing	4	No Equivalent
WELD 311	Welding Automation and Robotics 1	4	No Equivalent
WELD 312	Design of Weldments	3	No Equivalent
WELD 321	Welding Automation and Robotics 2	4	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
WELD 322	Advanced Resistance Welding	3	No Equivalent
WELD 393	Internship	4	No Equivalent
WELD 411	Advanced Welding Processes	3	No Equivalent
WELD 412	Computer Aided Weldment Design	4	No Equivalent
WELD 422	Welding Metallurgy	3	No Equivalent
WELD 499	Project Engineering and Management	3	No Equivalent

Technical Related Courses

8 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EEET 301	Controls for Automation	3	No Equivalent
MECH 250	Fluid Power with Controls	2	MN 217 and MN 218
MFGE 353	Statistical Quality Control	3	No Equivalent

Associate Degree Coursework

A total of 40 credits from the Associate of Applied Science (AAS) in Welding Technology (WELT) degree, or equivalent, approved by the department.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Associate of Applied Science (AAS) in Welding Technology (WELT) Credits	40	Varies
* EAET 201	Electrical Fundamentals	3	EL 144
* ETEC 140	Engr Graphics Comprehensive	3	EG 110
* MATL 240	Introduction to Material Science	4	TE 114

* Required for admission to the Welding Engineering Technology Bachelor of Science program.

PROGRAM CONTACT INFORMATION

College of Engineering Technology
Welding Engineering Technology Programs
(231) 591-2511

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WeldingDegrees@Ferris.edu

Ferris Statewide - GRCC

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- The Welding Engineering Technology, BS degree is only open to students who meet the Transfer Student Admission Requirements below.
- High school students interested in this program may apply to the Welding Technology, AAS program.

Transfer Student Admission Requirements

- Must have completed an Associate of Applied Science degree in Welding Technology.
- 3.00 College GPA (on a 4.00 scale)
- Placement in MATH 130
- Placement in EEET 301
- Completed PHYS 211, ETEC 140 and MATL 240 or equivalents

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