

FERRIS STATE UNIVERSITY

ALLIED HEALTH SCIENCES TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Allied Health Sciences
Degree Type: Bachelor of Science
Ferris College: College of Health Professions
Transfer School: Montcalm Community College (MONTCC)
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	COMM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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 117 or MATH 115 or MATH 116	Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics	3-4	MATH 102 or MATH 104 or No Equivalent

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 222
PUBH 320	Nutrition and Health	3	No Equivalent
COHP 330	OSHA Law	2	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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 - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(231) 591-2340

Online@Ferris.edu

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.

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- 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.

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.

ASSET

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

Ferris Program: Automotive Management (2+2) Option

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Montcalm Community College (MONTCC)

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.

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Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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	MATH 104 or MATH 102

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 130	Concepts in Physics	4	No Equivalent
Varies	Natural Sciences Elective	3 or 4	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

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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

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

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PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Montcalm Community College
(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

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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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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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.

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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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Transfer Equivalencies Tools

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

Disclaimer

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BIOLOGY TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Biology

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

Total Credits Required: 120-142

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 321 or ENGL 323	Advanced Technical Writing or Advanced Composition or Proposal 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

3-4 Credits Required and is met in College Requirements.

The MATH course required depends on the course required in the chosen concentration; see the Concentration section.

Natural Sciences Competency

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

BIOL 121 and CHEM 121 are met in College Requirements.

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

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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. The recommended or required courses to meet this competency depends on the chosen concentration.

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

COLLEGE REQUIREMENTS – 95-142 Credits Required

Major Courses

32-40 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BIOL 121	General Biology 1	4	BIOL 121
BIOL 122	General Biology 2	4	BIOL 122
BIOL 321 and BIOL 322 or BIOL 453	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 2 or Plant Physiology	8 or 4	BIOL 202 and BIOL 203 or No Equivalent
BIOL 218 or BIOL 286 or BIOL 389	Microbial Ecology or General Microbiology or Immunology	3	No Equivalent or BIOL 201 or No Equivalent
BIOL 375	Principles of Genetics	3	No Equivalent
BIOL 346 or BIOL 347 or BIOL 442	Ecological Assessment or Environmental Conservation or Ecology	3	No Equivalent
BIOL 460	Current Topics in Biology	2	No Equivalent
Varies	Biology Electives (300 Level or higher)	9-13	No Equivalent

Supporting Sciences

24 to 37 Credits Required. This section requires MATH 120 or higher, a minimum of 17 credits in Chemistry (CHEM) courses including Biochemistry, and a minimum of 4 credits in Physics (PHYS) courses.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 120	Trigonometry	3	MATH 120
CHEM 121	General Chemistry 1	5	CHEM 220

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CHEM 122	General Chemistry 2	5	CHEM 221
CHEM 214 or CHEM 321 and CHEM 322	Fundamentals of Organic Chemistry or Organic Chemistry 1 and Organic Chemistry 2	4 or 10	CHEM 250 or CHEM 251 and CHEM 252
CHEM 324 or CHEM 364	Fundamentals of Biochemistry or Biochemistry	3 or 4	No Equivalent
PHYS 130 or PHYS 211 and PHYS 212 or PHYS 241 and PHYS 242	Concepts in Physics or Introductory Physics 1 and Introductory Physics 2 or General Physics 1 and General Physics 2	4 or 8 or 10	No Equivalent or PHYS 230 and PHYS 231 or No Equivalent

Electives

25 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 25 credits of elective courses to meet the required 120 credit minimum.

MGMT 310 is recommended if the Biology/Pre-Dentistry Concentration (BIPD) or Biology/Pre-Medicine Concentration (BIPM) was chosen.

ACCT 201 or MGMT 310 is recommended if the Biology/Pre-Optometry Concentration (BIPO) was chosen.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Consult Advisor)	25	Varies

Concentration

Choose one concentration. Available concentrations are as follows:

Biology Concentration (BIBS); Biology/Environmental Concentration (BIEB); Biology/Forensic Concentration (BIFB); Biology/Pre-Physician Assistant Studies Concentration (BIPA); Biology/Pre-Dentistry Concentration (BIPD); Biology/Pre-Medicine Concentration (BIPM); Biology/Pre-Optometry Concentration (BIPO); Biology/Pre-Pharmacy Concentration (BIPP); Biology/Pre-Physical Therapy Concentration (BIPT); Biology/Pre-Veterinary Medicine Concentration (BIPV).

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Concentration (Consult Advisor)	39-65	Varies

PROGRAM CONTACT INFORMATION

College of Arts, Sciences, & Education

Biology Department

(231) 591-2550

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Biology@Ferris.edu

Ferris Statewide - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.50 High School GPA (on a 4.00 scale)
- ACT Score of 17 or SAT Score of 900 (optional)

Transfer Student Admission Requirements

- 2.00 Overall GPA (on a 4.00 scale)
- At least 12 credits

MORE INFORMATION

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BUSINESS ADMINISTRATION TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Business Administration

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

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 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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	No Equivalent or MATH 104 or MATH 105

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.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233
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

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	CMIS 101 or CMIS 115 or CMIS 156 and CMIS 157 and CMIS 159
RMIN 200 or PROJ 320 or Accounting (ACCT) Elective or	Foundations Risk Management and Insurance or Project Management	3	Varies

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Finance (FINC) Elective or Statistics (STQM) Elective	Fundamentals or Accounting (ACCT) Elective or Finance (FINC) Elective or Statistics (STQM) Elective		
MGMT 302	Team Dynamics and Organizational Behavior	3	MGMT 250
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BUSN 260 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	MGMT 245
MGMT 447	Business Ethics and Social Responsibility	3	No Equivalent
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 STATE UNIVERSITY

Ferris Statewide - Montcalm Community College

(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)
- 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

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)

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.

FERRIS STATE UNIVERSITY

BUSINESS ADMINISTRATION WITH PROFESSIONAL TRACK TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Business Administration with Professional Track
Degree Type: Bachelor of Science
Ferris College: College of Business
Transfer School: Montcalm Community College (MONTCC)
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	COMM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or ENGL 101
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	No Equivalent or MATH 104

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Natural Sciences Competency

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

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

Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, 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	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
PLSC 121	Amer Gov 1 - People and Politics	3	POLI 240

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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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 core 2.00 GPA requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	CMIS 101 or CMIS 115
MGMT 302	Team Dynamics and Organizational Behavior	3	MGMT 250
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BUSN 260 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	MGMT 245
MGMT 447	Business Ethics and Social Responsibility	3	No Equivalent
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

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Montcalm Community College
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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.
- 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](#).

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

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)

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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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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.

COMPUTER INFORMATION SYSTEMS TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Computer Information Systems

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: Yes

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

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

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

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	No Equivalent or MATH 104

FERRIS STATE UNIVERSITY

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	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 321	Principles of Marketing	3	MRKT 233
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

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	CPGM 131
ISYS 188	Web Design and Development	3	No Equivalent
ISYS 216	Introduction to Programming	3	No Equivalent
ISYS 211	Mobile Application Development	3	No Equivalent
ISYS 272	Fundamentals of Database Systems	3	No Equivalent
ISYS 288	Web Application Development	3	No Equivalent
ISYS 316	Advanced Programming	3	No Equivalent
PROJ 320	Project Management Fundamentals	3	No Equivalent
ISYS 327	Operating Systems and Network Essentials	3	No Equivalent
ISYS 330	Systems Analysis and Design 1	3	No Equivalent
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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 489	Senior Capstone	3	No Equivalent
* ISYS 491	Computer Information Systems Internship	3	No Equivalent
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 - Montcalm Community College

(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).
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 - a. English ACT score of 16 or higher.
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- 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.
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- 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.

FERRIS STATE UNIVERSITY

MORE INFORMATION

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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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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

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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COMPUTER INFORMATION TECHNOLOGY TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Computer Information Technology

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 325	Advanced Technical Writing or Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

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

- Official Pre-2016 Math SAT Score of 560 or Higher

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- 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	No Equivalent or MATH 104

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	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
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 STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233
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

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	CPGM 131
CITS 150	A+ Certification 1	3	CSTC 171
CITS 160	A+ Certification 2	3	CSTC 172
CITS 250	Windows Client Administration	3	CSTC 242
CITS 255	Windows Server 1	3	No Equivalent
CITS 260	Windows Server 2	3	No Equivalent
CITS 270	Network+	3	CNET 252 or CSTC 127
CITS 280	Linux Administration	3	CNET 250
CITS 320	Security+ Administration	3	CSTC 237
PROJ 320	Project Management Fundamentals	3	No Equivalent
CITS 360	Windows Server 3	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CITS 370	Virtual System Administration	3	No Equivalent
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 - Montcalm Community College

(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. 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.

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- 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

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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FERRIS STATE 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.

CRIMINAL JUSTICE - GENERALIST TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Criminal Justice - Generalist

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

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	Interpersonal Communication or Fundamentals of Public Speaking	3	COM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Advanced Business Writing		

Quantitative Literacy Competency

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

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	No Equivalent or MATH 104 or MATH 105

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 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
SOCY 121	Introductory Sociology	3	SOCI 230
PSYC 150	Introduction to Psychology	3	PSYC 120
(Choose 1 of 6) SOCY 225	Marriage and the Family	3	No Equivalent
(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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 1 of 6) SOCY 340	Race and Ethnicity in the United States	3	No Equivalent
(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
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 Microcomputer Systems and Software	3	CMIS 101 or CMIS 115 or CMIS 156 and CMIS 157 and CMIS 159

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CRIM 110	Introduction to Criminal Justice	3	CRIM 100
CRIM 111 or CRIM 112 or CRIM 113	Introduction to Corrections or Introduction to United States Legal Systems or Introduction to Law Enforcement	3	CRIM 110 or No Equivalent or No Equivalent
BUSN 122 or ACCT 201 or BLAW 221	Introduction to Business or Principles of Financial Accounting or Elementary Business Law	3	BUSN 135 or ACCT 115 or No Equivalent
CRIM 220	Supervision and Management in Criminal Justice	3	CRIM 125
CRIM 260	Delinquency Prevention and Control	3	CRIM 230
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

PROGRAM CONTACT INFORMATION

College of Business
School of Criminal Justice
(231) 591-5080
SchoolofCriminalJustice@Ferris.edu

Ferris Statewide - Montcalm Community College
(616) 451-4777
FSUGR@Ferris.edu

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

FERRIS STATE UNIVERSITY

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

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- 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

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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.

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DENTAL HYGIENE TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Dental Hygiene

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

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 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	COMM 220 or No Equivalent or No Equivalent
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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	MATH 104 or MATH 105 or No Equivalent or MATH 102 or MATH 103

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	No Equivalent or BIOL 202 and BIOL 203 or No Equivalent
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. PHIL 320 is recommended.

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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	SOCI 230
PSYC 150	Introduction to Psychology	3	PSYC 120
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	AHEA 215
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
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).

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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	MRKT 233
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 - Montcalm Community College

(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)

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.

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- 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).

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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.

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DENTAL HYGIENE TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Dental Hygiene

Degree Type: Associate of Applied Science

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

Total Credits Required: 86-88

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 34-35 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	ENGL 100
ENGL 250	English 2	3	ENGL 101

* This is a qualifying course for entry into the Dental Hygiene (DHYG) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in this course.

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 110 or * MATH 115	Fundamentals of Algebra or Intermediate Algebra	4 or 3	MATH 090 or MATH 104

* These are qualifying courses for entry into the Dental Hygiene (DHYG) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in these courses.

Natural Sciences Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 108	Medical Microbiology	3	BIOL 201

* This is a qualifying course for entry into the Dental Hygiene (DHYG) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in this course.

Culture Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Culture Electives (Consult Advisor)	3	Varies

Self and Society Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* SOCY 121	Introductory Sociology	3	SOCI 230

* This is a qualifying course for entry into the Dental Hygiene (DHYG) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in this course.

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 105 or * COMM 221	Interpersonal Communication or Small Group Decision Making	3	COMM 220 or COMM 230
* CHEM 114	Introduction to General Chemistry	4	No Equivalent
* PSYC 150	Introduction to Psychology	3	PSYC 120

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 251	Human Anatomy	3	BIOL 202
* BIOL 252	Human Physiology	3	BIOL 203

* These are qualifying courses for entry into the Dental Hygiene (DHYG) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in these courses.

COLLEGE REQUIREMENTS – 52-53 Credits Required

College of Health Professions (COHP) Core Curriculum

5 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COHP 100	Orientation to Medical Vocabulary	1	AHEA 215
COHP 101	The United States Health Care System	3	No Equivalent
* COHP 102	Safety Issues in Health Care	1	No Equivalent

* These are qualifying courses for entry into the Dental Hygiene (DHYG) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. Students must obtain a grade of C or higher in these courses.

Major Courses

47-48 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DHYG 101	Oral Imaging	1	No Equivalent
DHYG 102	Oral Imaging Lab	1	No Equivalent
DHYG 104	Dental Hygiene Theory 1	3	No Equivalent
DHYG 105	Pre-Clinical Dental Hygiene Practice 1	2	No Equivalent
DHYG 107	Oral Science A	2	No Equivalent
DHYG 108	Oral Science A Lab	1	No Equivalent
DHYG 117	Oral Science B	1	No Equivalent
DHYG 118	Oral Science B Lab	1	No Equivalent
DHYG 123	General and Oral Pathology	2	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DHYG 124	Dental Hygiene Theory 2	3	No Equivalent
DHYG 126	Dental Hygiene Practice 2	2	No Equivalent
DHYG 127	Dental Materials	1	No Equivalent
DHYG 129	Dental Materials Lab	1	No Equivalent
DHYG 208	Periodontology and Pathology Review	2	No Equivalent
DHYG 212	Dental Hygiene Theory 3	3	No Equivalent
DHYG 213	Periodontics	2	No Equivalent
DHYG 217	Community Dentistry A	1	No Equivalent
DHYG 218	Pharmacology for Dental Hygiene	2	No Equivalent
DHYG 222	Dental Hygiene Practice 3	3	No Equivalent
DHYG 227	Community Dentistry A Lab	1	No Equivalent
DHYG 229	Pain Management	1	No Equivalent
DHYG 231	Pain Management Lab	1	No Equivalent
DHYG 232	Dental Hygiene Theory 4	3	No Equivalent
DHYG 233	Dental Hygiene Practice 4	3	No Equivalent
DHYG 237	Community Dentistry B	1	No Equivalent
DHYG 239	Community Dentistry B Lab	1	No Equivalent
DHYG 280	Comprehensive Patient Assessment	1	No Equivalent
DHYG 291	Dental Hygiene Practicum	1-2	No Equivalent

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Diagnostic, Laboratory and Therapeutic Sciences

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

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

- 2.00 GPA (on a 4.00 scale)

Admission Requirements to the Professional Sequence

- 2.50 College GPA (on a 4.00 scale).
- Obtain a grade of C or higher in the following courses; or their equivalent:
 - **MATH 110 or Math ACT 19 or higher, BIOL 108, COHP 100, ENGL 150, SOCY 121, CHEM 114, BIOL 251/252, COMM 105 or 221, COHP 102, PSYC 150, and a Culture Competency elective course.
 - All Mathematics (MATH), Biology (BIOL), 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 fall 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.

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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.

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Transfer Equivalencies Tools

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

Disclaimer

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DIAGNOSTIC MEDICAL SONOGRAPHY TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Diagnostic Medical Sonography

Degree Type: Associate of Applied Science

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

Total Credits Required: 84-85

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 26-27 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.

FERRIS STATE UNIVERSITY

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101

* This course is a qualifying course for entry into the Diagnostic Medical Sonography (DMS) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

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 or MATH 120	Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics or Trigonometry	3 or 4 or 4 or 3	MATH 104 or No Equivalent or MATH 102 or MATH 120

* This course is a qualifying course for entry into the Diagnostic Medical Sonography (DMS) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

Natural Sciences Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 109	Basic Human Anatomy and Physiology	4	BIOL 105

* This course is a qualifying course for entry into the Diagnostic Medical Sonography (DMS) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

Culture Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHIL 220 or PHIL 320	Ethics in Health Care or Biomedical Ethics	3	No Equivalent or PHIL 222

FERRIS STATE UNIVERSITY

Self and Society Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150	Introduction to Psychology	3	PSYC 120

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 105 or COMM 221	Interpersonal Communication or Small Group Decision Making	3	COMM 220 or COMM 230
* PHYS 130	Concepts in Physics	4	No Equivalent

* This course is a qualifying course for entry into the Diagnostic Medical Sonography (DMS) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

COLLEGE REQUIREMENTS – 58 Credits Required

College of Health Professions (COHP) Core Curriculum

5 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COHP 100	Orientation to Medical Vocabulary	1	AHEA 215
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent

* This course is a qualifying course for entry into the Diagnostic Medical Sonography (DMS) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

Major Courses

53 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SONO 100	Introduction to Diagnostic Medical Sonography	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SONO 102	Introduction to Sonographic Imaging	1	No Equivalent
SONO 104	Introduction to Ultrasound Physics	3	No Equivalent
SONO 105	Sonography Physics Principles Lab	1	No Equivalent
SONO 111	Pathophysiology of Abdominal Organs	4	No Equivalent
SONO 112	Abdominal Imaging Lab	1	No Equivalent
SONO 115	Sonographic Cross Sectional Anatomy	1	No Equivalent
SONO 117	Introduction to Sonographic Interpretation	2	No Equivalent
SONO 118	Gynecology Imaging	1	No Equivalent
SONO 119	Gynecology Imaging Lab	1	No Equivalent
SONO 121	Introduction to Obstetrics and Gynecology Imaging	2	No Equivalent
SONO 122	Obstetrics and Gynecology Imaging Lab	1	No Equivalent
SONO 131	Hemodynamics and Doppler Principles of Sonography	1	No Equivalent
SONO 132	Hemodynamics and Doppler Lab	1	No Equivalent
SONO 280	Clinical Internship 1	8	No Equivalent
SONO 281	Small Parts and Invasive Procedures	4	No Equivalent
SONO 282	Clinical Internship 2	8	No Equivalent
SONO 283	Obstetrics and Gynecology Imaging 2	3	No Equivalent
SONO 284	Clinical Internship 3	5	No Equivalent
SONO 285	Sonographic Interpretation 2	3	No Equivalent
SONO 287	Management in Diagnostic Medical Sonography	1	No Equivalent

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Diagnostic, Laboratory and Therapeutic Sciences

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - Montcalm Community College

(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

- 2.00 GPA (on a 4.00 scale)

Admission Requirements to the Professional Sequence

- Obtain a grade of B- or higher in the following courses: BIOL 109, MATH 115, and PHYS 130
- Obtain a grade of C or higher in the following course: COHP 100
- Obtain a grade of C- or higher in the following course: ENGL 150 All MATH, BIOL, and 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 fall 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).

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Ferris State University Admissions Office
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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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FERRIS STATE UNIVERSITY

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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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Transfer Equivalencies Tools

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

Disclaimer

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DIGITAL MEDIA SOFTWARE ENGINEERING TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Digital Media Software Engineering
Degree Type: Bachelor of Science
Ferris College: College of Business
Transfer School: Montcalm Community College (MONTCC)
Consortium Eligible: Yes
Total Credits Required: 125
Catalog Year: 2022-2023

FERRIS STATE UNIVERSITY

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or 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

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	No Equivalent
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

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. 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	No Equivalent
SENG 102	Computer Programming 2	3	No Equivalent
SENG 300	Software Data Structures	3	No Equivalent
SENG 301	Programming Languages	3	No Equivalent
SENG 315	Software Component Design	3	No Equivalent
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	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	Systems and Network Essentials		
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	CMIS 255 or No Equivalent or No Equivalent
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 216 or ECON 215
STQM 260	Introduction to Statistics	3	MATH 190

Mathematics Courses

14 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 220	Analytical Geometry and Calculus 1	4	MATH 250
MATH 230	Analytical Geometry and Calculus 2	4	MATH 251
MATH 322	Linear Algebra	3	No Equivalent
MATH 328	Discrete Structures	3	No Equivalent

Business and Management Courses

9 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHIL 216	Introduction to Ethics	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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.

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	No Equivalent
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

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Montcalm Community College
(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

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

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EARLY CHILDHOOD EDUCATION TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Early Childhood Education

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

Articulation Agreement: Yes

Total Credits Required: 122-127

Catalog Year: 2023-2024

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 121	Fundamentals of Public Speaking	3	COMM 210
ENGL 150	English 1 (B or higher)	3	ENGL 100
ENGL 250	English 2 (B or higher)	3	ENGL 101
ENGL 321 or ENGL 323 or ENGL 325	Advanced Composition or Proposal Writing or Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

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

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 114	Quantitative Reasoning for Professionals 2	4	No Equivalent

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	ENGL 235
Varies	Culture Electives	6	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.

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	SOCI 230
PSYC 150	Introduction to Psychology	3	PSYC 120
SOCY 225	Marriage and the Family	3	No Equivalent

COLLEGE REQUIREMENTS – 82-86 Credits Required

Major Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 101	Introduction to Early Childhood Education	4	No Equivalent
EDCD 112	Theories of Child Development	3	No Equivalent
EDCD 115	Observation and Documentation of Children	3	No Equivalent
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	ECDV 131
EDCD 211	Methods for Teaching Preschool and School Age Children	4	ECDV 135
EDLA 261	Foundations of Literacy	3	No Equivalent
EDCD 295	Early Childhood Education Practicum	6	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
EDCD 308	Teaching Special Needs in Early Childhood Education	3	No Equivalent
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

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	ECDV 162
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	AHEA 215
EDUC 251	Human Growth Development	3	No Equivalent
COMM 320	Family Communication	3	No Equivalent
PSYC 345	Psychology of Death and Dying	3	PHIL 230
SOCY 373	Health and Illness in Society	3	No Equivalent
EDCD 430	Introduction to Child Life Specialist Program	4	No Equivalent

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	ECDV 162
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

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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	ACCT 115
MGMT 301	Applied Management	3	MGMT 237
MGMT 310	Small Business Management	3	MGMT 235
MKTG 321	Principles of Marketing	3	MRKT 233
EDCD 410	Early Childhood Education Management and Leadership	3	ECDV 150

PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Montcalm Community College
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

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

Transfer Student Admission Requirements

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

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

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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.

Transfer Equivalencies Tools

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

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Disclaimer

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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.

HVACR ENGINEERING TECHNOLOGY AND ENERGY MANAGEMENT TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: HVACR Engineering Technology and Energy Management

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Montcalm Community College (MONTCC)

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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

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- 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	Algebra and Analytic Trigonometry	4	MATH 120 and MATH 159

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.

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, 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	ECON 216
Varies	Self and Society Elective	6	Varies

COLLEGE REQUIREMENTS – 84 Credits Required

Major Courses

42 Credits Required. In addition to the required courses in this section, student must have an approved associate degree totaling 42 credits.

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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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.

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 - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

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

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

- 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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*Indicates an approved Ferris course substitution

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Transfer Equivalencies Tools

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HEALTH INFORMATION MANAGEMENT TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Health Information Management

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: Yes

Total Credits Required: 124

Catalog Year: 2022-2023

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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	COMM 220 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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	MATH 104

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	BIOL 105
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

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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
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

58 Credits Required.

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	AHEA 215
MRIS 121	Health Information Statistics	2	No Equivalent
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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

17 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	CMIS 101 or CMIS 156 and CMIS 157 and CMIS 159
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
HSCA 474	Health Care Strategic Application	4	No Equivalent

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Health Administration and Health Information

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

FERRIS STATE UNIVERSITY

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.
- 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).

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

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INDUSTRIAL TECHNOLOGY AND MANAGEMENT TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Industrial Technology and Management

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Montcalm Community College (MONTCC)

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

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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 121	Fundamentals of Public Speaking	3	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or ENGL 101
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or 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 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	MATH 120 and MATH 159 or MATH 180

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	PHYS 230
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

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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
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	MGMT 237
PROJ 320	Project Management Fundamentals	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233
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	No Equivalent
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

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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 - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

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

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

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

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

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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.

INFORMATION SECURITY AND INTELLIGENCE TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Information Security and Intelligence

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

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.

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	COMM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or 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

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	MATH 104 or MATH 105

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

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	ECON 216 or ECON 215
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	ACCT 115
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
MKTG 321	Principles of Marketing	3	MRKT 233

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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	No Equivalent
ISIN 200	Secure Digital Technologies	3	No Equivalent
ISIN 209	Network Security	3	No Equivalent
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
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

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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

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

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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 - Montcalm Community College

(616) 451-4777

FSUGR@Ferris.edu

Ferris Online

(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).

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

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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.

Disclaimer

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INTEGRATIVE STUDIES TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Integrative Studies
Degree Type: Bachelor of Science
Ferris College: College of Arts, Sciences, and Education
Transfer School: Montcalm Community College (MONTCC)
Consortium Eligible: Yes
Articulation Agreement: Yes
Total Credits Required: 120-121
Catalog Year: 2023-2024

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.
Visit the Ferris State [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	COMM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
ENGL 311 or ENGL 321 or ENGL 323 or ENGL 325	Advanced Technical Writing or Advanced Composition or Proposal Writing or Advanced Business Writing	3	No Equivalent

Quantitative Literacy Competency

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

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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 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	No Equivalent or MATH 104

Natural Sciences Competency

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

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

Culture Competency

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

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

Self and Society Competency

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

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

COLLEGE REQUIREMENTS – 81 Credits Required

Major Requirements

4 Credits Required.

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

Electives

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

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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

CASEDeansOffice@Ferris.edu

Ferris Statewide - Montcalm Community College

(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)
- 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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Big Rapids, MI 49307

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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.

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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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.

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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 MONTCALM COMMUNITY COLLEGE

Ferris Program: Marketing

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or ENGL 101
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	No Equivalent or MATH 104

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Natural Sciences Competency

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

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

Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines, 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	PSYC 120
ECON 201	Principles of Microeconomics	3	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215

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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 321	Business Information Systems	3	No Equivalent
FINC 322	Financial Management 1	3	No Equivalent
MGMT 370	Quality and Operations Management	3	No Equivalent
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	CMIS 101 or CMIS 115 or CMIS 175
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	No Equivalent
AIMC 300	Principles of Advertising/ Integrated Marketing Communications	3	MRKT 248
MGMT 310 or Marketing Elective (Advisor Approval)	Small Business Management or Marketing Elective	3	MGMT 235
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
MKTG 491	Marketing Internship	3	No Equivalent
MKTG 499	Marketing Strategy Capstone	3	No Equivalent

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CONCENTRATION – 12 Credits Required (Advisor Approval)

Choose One Concentration

Digital Marketing Concentration (DGMK)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
DSGN 224 or AIMC 375	Web Design and Planning or Business- to-Business Advertising and Integrated Marketing Communications	3	No Equivalent
AIMC 382	Business-to-Business Digital Marketing	3	No Equivalent
AIMC 383	Business-to-Consumer Digital Marketing	3	No Equivalent
MKTG 383	Direct and Digital Marketing	3	No Equivalent

Healthcare Marketing Concentration (HCMK)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 101	The United States Health Care System	3	No Equivalent
MRIS 103	Medical Terminology	3	AHEA 215
HCSA 202	Health Care Law 1	3	No Equivalent
MRIS 221	Foundations of Reimbursement	3	No Equivalent

Marketing Concentration (MKT)

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.

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

Professional Sales Concentration (PFSL)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 331 or MKTG 410	Strategic Selling or Industrial Marketing	3	No Equivalent
MKTG 431	Advanced Selling	3	No Equivalent
MKTG 436	Sales Management	3	No Equivalent
MKTG 466	Purchasing	3	No Equivalent

Retailing Concentration (RET)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 337	Principles of Commerce	3	No Equivalent
MKTG 339	Visual Merchandising	3	No Equivalent
AIMC 383 or MKTG 383 or MKTG 466	Business-to-Consumer Digital Marketing or Direct and Digital Marketing or Purchasing	3	No Equivalent
MKTG 438	Strategic Channel Marketing	3	No Equivalent

Sports Marketing Concentration (SPMK)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 420	Sports Marketing	3	No Equivalent
MKTG 491	Marketing Internship	3	No Equivalent
PREL 240	Public Relations Principles	3	No Equivalent
PREL 341 or Directed Elective (Advisor Approval)	Public Relations Tactics or Directed Elective (Advisor Approval)	3	No Equivalent

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

College of Business

Marketing

(231) 591-2426

MKTG@Ferris.edu

Ferris Statewide - Montcalm Community College

(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.

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

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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.

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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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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.

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 Algebra 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

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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 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 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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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

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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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
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Advising Notes

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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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*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

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Michigan Transfer Agreement (MTA)

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Transfer Equivalencies Tools

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ARTICULATION AGREEMENT

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FERRIS STATE UNIVERSITY

NURSING - RN TO BSN COMPLETION ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Nursing - RN to BSN Completion

Degree Type: Bachelor of Science in Nursing

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: No

Articulation Agreement: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

The effective dates for this articulation agreement are July 15, 2022 - July 15, 2025. This Articulation Agreement and Transfer Guide establishes a transfer pathway from the Registered Nursing (ADN), A.A.S. degree at Montcalm Community College into the Nursing - RN to BSN Completion, B.S. degree at 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	COMM 220 or COMM 210 or COMM 230
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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 116 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry	4 or 3 or 4 or 4	No Equivalent or MATH 104 or No Equivalent or MATH 102

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	or Contemporary Mathematics		

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
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, 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)	3	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	AHEA 215
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350 or *sub MATH 251	Statistics in Health Care	3	No Equivalent *MATH 190

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	*Substitute Stats for the Life Sciences		
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 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
(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 and 40 credits of 300 level or higher courses must be earned.

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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 - Montcalm Community College](#)

(616) 451-4777

FSUGR@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

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).

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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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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 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

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NURSING - RN TO MSN ARTICULATION AGREEMENT AND TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Nursing - RN to MSN

Degree Type: Bachelor of Science in Nursing and Master of Science in Nursing

Ferris College: College of Health Professions

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 157-158

Catalog Year: 2022-2023

The effective dates for this articulation agreement are July 15, 2022 - July 15, 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	Interpersonal Communication	3	COMM 220
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101
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 116 or MATH 117	Quantitative Reasoning for Professionals 2 or Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry	4 or 3 or 4 or 4	No Equivalent or MATH 104 or MATH 105 or No Equivalent or MATH 102 or

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	or Contemporary Mathematics		MATH 103

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 251	Human Anatomy	3	BIOL 202
BIOL 252	Human Physiology	3	BIOL 203

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
PHIL 320	Biomedical Ethics	3	PHIL 222
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, and at least one Self and Society Foundation course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150	Introduction to Psychology	3	PSYC 120
PLSC 121	American Government 1 - People and Politics	3	POLI 240
PSYC 345 or PSYC 341	Psychology Death and Dying or Child Psychology	3	PHIL 230 or PSYC 221

RN TO BSN COLLEGE REQUIREMENTS – 81 Credits Required

College of Health Professions (COHP) Core Curriculum

11 Credits Required. COHP 100, COHP 101, and COHP 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	AHEA 215

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	MATH 190
COHP 450	Evidence-Based Health Care	3	No Equivalent

Major Courses for RN to BSN Bridgework

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
(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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 1 of 8) NURS 319	Disaster Nursing and Emergency Preparedness	3	No Equivalent
(Choose 1 of 8) Varies	Elective Course (Advisor Approval)	3	Varies

Electives (Consult Advisor)

5 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits and 40 credits of 300-level or higher courses must be earned. 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

MASTER OF SCIENCE IN NURSING REQUIREMENTS – 37 Credits Required

Nursing (NURS) Core Curriculum

18 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 501	Introduction to Advanced Nursing Roles	3	No Equivalent
NURS 511	Organizational and Systems Leadership	3	No Equivalent
NURS 521	Health Care Systems, Policy and Advocacy	3	No Equivalent
NURS 531	Critique of Evidence for Practice	3	No Equivalent
NURS 541	Quality Improvement and Safety	3	No Equivalent
NURS 551	Clinical Prevention and Population Health	3	No Equivalent

Integration of Knowledge

10 Credits Required. Prior to enrolling in NURS 711 and 712, students must have taken all courses within the Nursing Core section, as well as taken all of the courses within their chosen concentration; see the Concentration section.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 711	Clinical Practicum Preparation 1	2	No Equivalent
NURS 712	Clinical Practicum Preparation 2	2	No Equivalent
NURS 791	Clinical Practicum 1	3	No Equivalent
NURS 792	Clinical Practicum 2	3	No Equivalent

Electives (Consult Advisor)

Two electives are available as elective courses, but not required for completion of the Master of Science in Nursing (MSN) program. NURS 502 is a writing course for students who may want to improve skills in this area and prepare for publication in the future. NURS 602 is a statistics course intended to prepare students who may be planning to continue on for a doctoral degree, as a statistics course is often a requirement to enter these programs.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 502	Scholarly Writing in Healthcare	3	No Equivalent
NURS 602	Statistics for Nursing Science	3	No Equivalent

CONCENTRATION – 9 Credits Required (Advisor Approval)

Choose One Concentration

Nursing Education Concentration (NEDU)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 601	Curriculum Design in Nursing Education	3	No Equivalent
NURS 611	Teaching Methods in Nursing Education	3	No Equivalent
NURS 621	Advanced Physical Assessment, Pathophysiology, and Pharmacotherapeutics	3	No Equivalent

Nursing Administration Concentration (NADM)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 631	Leadership Role for Nurse Administrators	3	No Equivalent
NURS 651	Leadership in Resource Management	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 825	Healthcare Program Development	3	No Equivalent

Nursing Informatics Concentration (NINF)

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS 641	Leadership Role for Informatics Nurse Specialist	3	No Equivalent
NURS 671	Data Management and Analytics	3	No Equivalent
NURS 820	Informatics for Leadership	3	No Equivalent

PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Montcalm Community College
(616) 451-4777
FSUGR@Ferris.edu

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

ADMISSION REQUIREMENTS

New Student Admission Requirements

- Completed application for admission.
- Hold a Bachelor of Science in Nursing (BSN) degree with an overall GPA of 3.00 (on a 4.00 scale).
- Hold licensure as a Registered Nurse; Michigan licensure or eligibility.
- Have clinical nursing experience; recommended two (2) years of experience.
- Submit official transcripts from all institutions of higher education previously attended. Ferris graduates need not submit transcripts for coursework completed at Ferris.
- Submit a current, professional resume or curriculum vitae.
- Submit a 1-2-page letter of intent stating your professional goals and how the MSN program can assist you in meeting your goals. RN to MSN candidates may submit their RN to MSN Service-Learning synthesis paper.
- Request two (2) professional references from individuals familiar with academic or professional backgrounds and can provide an assessment of the applicant's current work quality and ability to complete graduate education successfully.
- International students whose first (native) language is not English need to have English proficiency test scores sent directly from the testing agency to demonstrate meeting the Ferris standards for English proficiency (e.g., TOEFL, IELTS, and Duolingo).

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Provisional Admission may be granted in cases where selected admission criteria have not been demonstrated. The Graduate Program Coordinator will make recommendations to the Chair of the School of Nursing, whose approval is required. If provisional admission is granted, the student must complete nine (9) semester hours of graduate work with a 3.00 GPA (on a 4.00 scale) or clear any deficiencies to qualify for regular admission. These requirements also apply to Transfer Students.

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

FERRIS STATE UNIVERSITY

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.

PROJECT MANAGEMENT TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Project Management

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: Yes

Total Credits Required: 120-124

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 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	COMM 220 or COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	No Equivalent or ENGL 101
ENGL 311 or ENGL 321 or	Advanced Technical Writing or	3	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 325	Advanced Composition or Advanced Business Writing		

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	MATH 104 or MATH 105

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 200 level or higher course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
Varies	Self and Society Elective	3	Varies

COLLEGE REQUIREMENTS – 81-84 Credits Required

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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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 321	Contracts and Sales	3	No Equivalent
MKTG 321	Principles of Marketing	3	MRKT 233
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

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	CMIS 101 or CMIS 115 or CMIS 156 and CMIS 157 and CMIS 159
PROJ 300	Crisis Management	3	No Equivalent
MGMT 302	Team Dynamics and Organizational Behavior	3	MGMT 250
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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

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 - Montcalm Community College

(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.

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- 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.

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

PUBLIC RELATIONS TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Public Relations

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Montcalm Community College (MONTCC)

Consortium Eligible: Yes

Total Credits Required: 120-122

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	COMM 210
ENGL 150	English 1	3	ENGL 100
ENGL 250	English 2	3	ENGL 101

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	No Equivalent or MATH 104 or MATH 105

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	ECON 216
ECON 202	Principles of Macroeconomics	3	ECON 215
PSYC 150	Introduction to Psychology	3	PSYC 120

FERRIS STATE UNIVERSITY

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	ACCT 115
ACCT 202	Principles of Managerial Accounting	3	ACCT 116
STQM 260	Introduction to Statistics	3	MATH 190
MGMT 301	Applied Management	3	MGMT 237
BLAW 301	Legal Environment of Business	3	BUSN 200
MKTG 321	Principles of Marketing	3	MRKT 233
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

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	No Equivalent
PREL 201	Public Relations Seminar	3	No Equivalent
PREL 240	Public Relations Principles	3	No Equivalent
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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

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	CMIS 101 or CMIS 115 or CMIS 156 and CMIS 157 and CMIS 159
SOCY 121 or ANTH 122	Introductory Sociology or Introduction to Cultural Anthropology	3	SOCI 230

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	MGMT 245
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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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 Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 231	Professional Selling	3	No Equivalent
AIMC 300	Principals of Advertising and Integrated Marketing Communications	3	MRKT 248
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	No Equivalent
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

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

College of Business

Marketing

(231) 591-2426

MKTG@Ferris.edu

Ferris Statewide - Montcalm Community College

(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.

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.

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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.

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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)

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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

RADIOGRAPHY TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Radiography
Degree Type: Associate of Applied Science
Ferris College: College of Health Professions
Transfer School: Montcalm Community College (MONTCC)
Consortium Eligible: No
Total Credits Required: 84
Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 22 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	ENGL 100
ENGL 250	English 2	3	ENGL 101

* This course is a qualifying course for entry into the Radiography (RADI) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

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	MATH 104

* This course is a qualifying course for entry into the Radiography (RADI) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

Natural Sciences Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 109	Basic Human Anatomy and Phisiology	4	BIOL 105

* This course is a qualifying course for entry into the Radiography (RADI) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

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Culture Competency

PHIL 220 or PHIL 320 are recommended to fulfill this Culture Competency requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHIL 220 or PHIL 320	Ethics in Health Care or Biomedical Ethics	3	No Equivalent or PHIL 222

Self and Society Competency

PSYC 150 or SOCY 121 are recommended to fulfill this Self and Society Competency requirement.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PSYC 150 or SOCY 121	Introduction to Psychology or Introductory Sociology	3	PSYC 120 or SOCI 230

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 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COMM 220 or COMM 210 or COMM 230

COLLEGE REQUIREMENTS – 62 Credits Required

College of Health Professions (COHP) Core Curriculum

5 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COHP 100	Orientation to Medical Vocabulary	1	AHEA 215
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent

* This course is a qualifying course for entry into the Radiography (RADI) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements.

Major Courses

57 Credits Required.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
RADI 104	Radiographic Procedures 1	2	No Equivalent
RADI 105	Radiographic Procedures 1 Laboratory	1	No Equivalent
RADI 106	Radiographic Procedures 2	2	No Equivalent
RADI 107	Radiographic Procedures 2 Laboratory	1	No Equivalent
RADI 108	Radiographic Imaging Procedures	2	No Equivalent
RADI 109	Radiographic Imaging Procedures Laboratory	1	No Equivalent
RADI 121	Radiographic Physics and Imaging Production	3	No Equivalent
RADI 122	Radiographic Protection and Biology	3	No Equivalent
RADI 141	Principles of Radiographic Imaging 1	2	No Equivalent
RADI 142	Principles of Radiographic Imaging 1 Laboratory	1	No Equivalent
RADI 143	Principles of Radiographic Imaging 2	2	No Equivalent
RADI 144	Principles of Radiographic Imaging 2 Laboratory	1	No Equivalent
RADI 170	Radiographic Quality Assurance and Processing	1	No Equivalent
RADI 171	Image Processing Laboratory	1	No Equivalent
RADI 172	Digital Imaging	1	No Equivalent
RADI 202	Radiographic Pathology	1	No Equivalent
RADI 203	Advanced Concepts in Radiography 1	1	No Equivalent
RADI 204	Principles of Computer Tomography	2	No Equivalent
RADI 211	Pharmacology for Radiographers	1	No Equivalent
RADI 212	Radiology Management	1	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
RADI 213	Advanced Concepts in Radiography 2	1	No Equivalent
RADI 223	Advanced Concepts in Radiography 3	1	No Equivalent
RADI 291	Clinical Practicum 1	9	No Equivalent
RADI 292	Clinical Practicum 2	9	No Equivalent
RADI 293	Clinical Practicum 3	6	No Equivalent
RADI 299	Radiography Review Seminar	1	No Equivalent

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Diagnostic, Laboratory and Therapeutic Sciences

(231) 591-2270

CHP@Ferris.edu

Ferris Statewide - Montcalm Community College

(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

- 2.50 College GPA (on a 4.00 scale)

Admission Requirements to the Professional Sequence

- maintain an overall 2.50 College GPA (on a 4.00 scale).
- Obtain a grade of B- or higher in BIOL 109 and MATH 115; which must be met within two attempts, including W grades.
- Obtain a grade of C or higher in COHP 100.
- Obtain a grade of C- or higher in ENGL 150.

Application Accepted: February 1st prior to fall 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](#).

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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Transfer Equivalencies Tools

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FERRIS STATE UNIVERSITY

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SOCIAL WORK TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Social Work

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Montcalm Community College (MONTCC)

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	ENGL 100
ENGL 250	English 2	3	ENGL 101
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 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

MATH 114 or 117 is recommended.

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	4 or 3 or 4	No Equivalent or MATH 104 or MATH 102

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	or Contemporary Mathematics		

Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course. The Biology (BIOL) course chosen depends on the course taken in the Major Courses section.

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 200 level or higher course. The Religion (RELG) course chosen depends on the course taken in the Major Courses section.

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, have at least one 200 level or higher course, and at least one Self and Society Foundation course. The Political Science (PLSC) and Sociology (SOCY) courses chosen depend on the courses taken in the Major Courses section.

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 BIOL 100 or BIOL 105 or No Equivalent
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COMM 220 or COMM 210 or COMM 230
SCWK 110	Introduction to the Social Work Profession	3	No Equivalent
PLSC 121 or PLSC 122	American Government 1 - People and Politics or	3	POLI 240 or No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
	American Government 2 - Policy Making		
SOCY 121 or ANTH 122 or SOCY 122	Introductory Sociology or Introduction to Cultural Anthropology or Social Problems	3	SOCI 230 or ANTH 260 or SOCI 235
SCWK 130	Social Work Interviewing Skills 1	3	No Equivalent
PSYC 150	Introduction to Psychology	3	PSYC 120
SCWK 170	Agency and Program Orientation	1	No Equivalent
SCWK 191	Introductory Field Experience	3	No Equivalent
SCWK 210	Introduction to Social Welfare	3	No Equivalent
RELG 215 or RELG 325 or RELG 326	Comparative Religions or Eastern Religions or Western Religions	3	PHIL 221 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	ECON 216 or ECON 215 or No Equivalent
SOCY 225 or SOCY 230	Marriage and the Family or Gender Roles in Society	3	No Equivalent
PSYC 226 or EDUC 251	Lifespan Human Development or Human Growth Development	3	PSYC 235 or No Equivalent
SCWK 240	Foundations of Practice	3	No Equivalent
SCWK 310	Social Work Policy and Political Advocacy	3	No Equivalent
SCWK 320	Group and Community Practice	4	No Equivalent
SCWK 330	Social Work Interviewing 2	4	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
SOCY 340	Race and Ethnicity in the United States	3	SOCY 340
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

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 - Montcalm Community College
(616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.50 High School GPA (on a 4.00 scale)

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- 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).

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

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Transfer Equivalencies Tools

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SURVEYING ENGINEERING TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Surveying Engineering

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Montcalm Community College (MONTCC)

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	COMM 210
ENGL 150	English 1	3	ENGL 100
* ENGL 250	English 2	3	ENGL 101

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* 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	MATH 250

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 220
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

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	MATH 251

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PHYS 241	General Physics 1	5	No Equivalent
PHYS 242	General Physics 2	5	No Equivalent
MATH 322	Linear Algebra	3	No Equivalent
MATH 330	Differential Equations	3	No Equivalent

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	No Equivalent
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
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

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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 - Montcalm Community College

(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

MORE INFORMATION

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FERRIS STATE UNIVERSITY

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Transfer Equivalencies Tools

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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 TECHNOLOGY TRANSFER GUIDE FOR MONTCALM COMMUNITY COLLEGE

Ferris Program: Surveying Technology

Degree Type: Associate of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Montcalm Community College (MONTCC)

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	ENGL 100
ENGL 250	English 2	3	ENGL 101

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	MATH 104

Natural Sciences Competency

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

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

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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	COMM 210
MATH 120	Trigonometry	3	MATH 120
MATH 130	Advanced Algebra and Analytical Trigonometry	4	MATH 159 or MATH 180

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
SURE 230	Advanced Surveying	3	No Equivalent
SURE 272	Programming Applications in Geomatics	2	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	No Equivalent

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 - Montcalm Community College
(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

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.

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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.

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