

Ferris Program: Operations and Supply Chain Management**Degree Type:** Bachelor of Science**Ferris College:** College of Business**Transfer School:** Macomb Community College (MACOCC)**Consortium Eligible:** No**Total Credits Required:** 120-122**Catalog Year:** 2025-2026**GENERAL EDUCATION REQUIREMENTS – 39-41 Credits Required**

Courses in this section are required to satisfy the University General Education Requirements for a bachelor's degree. The University General Education requirements can be found on the: [Ferris State University General Education Requirements Webpage](#).

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.

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	SPCH 2100 or SPCH 1060
ENGL 150	English 1	3	ENGL 1181 or ENGL 1211
ENGL 250	English 2	3	ENGL 1190 or ENGL 1220
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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 114	Quantitative Reasoning for Professionals 2	4	No Equivalent
MATH 115	Intermediate Algebra	3	MATH 1050/X

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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	Varies (Advisor Approval)	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	Varies (Advisor Approval)	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 1170
ECON 202	Principles of Macroeconomics	3	ECON 1160
COMM 365	Intercultural Communication	3	SPCH 2300

COLLEGE REQUIREMENTS – 81 Credits Required

Business Core Requirements

30 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 1080
ACCT 202	Principles of Managerial Accounting	3	ACCT 1090
STQM 260	Introduction to Statistics	3	MATH 1340
MGMT 301	Applied Management	3	MGMT 1010
BLAW 321	Contracts and Sales	3	BLAW 1090
MKTG 321	Principles of Marketing	3	MKTG 1010

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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	3	No Equivalent
ISYS 321	Business Information Systems	3	No Equivalent
BUSN 499	Integrating Experience	3	No Equivalent

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	ITCS 1010
OSCM 200	Introduction to Supply Chain Management	3	No Equivalent
OSCM 300	Strategic Sourcing and Procurement	3	No Equivalent
OSCM 305	Supply Chain Innovation and Optimization	3	No Equivalent
INTB 320	International Logistics	3	No Equivalent
PROJ 320	Project Management	3	No Equivalent
MFGE 354 or OSCM 395	Lean Manufacturing or Lean Management Systems and Leadership	3	No Equivalent
STQM 385	Visual Data Analytics	3	No Equivalent
OSCM 400	Six Sigma Principles and Analytics	3	No Equivalent
OSCM 405	Lean Culture, Coaching and Leadership	3	No Equivalent
OSCM 410	Lean Logistics and Network Design	3	No Equivalent
ISYS 482	Enterprise Integration and Business Process Design	3	No Equivalent
MGMT 491	Management Internship	3	No Equivalent
OSCM 498	Operations and Supply Chain Management Capstone	3	No Equivalent

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CONCENTRATION – 9 Credits Required

Technical Concentration (TCHN)

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
(Choose 2 of 3) MFGE 322 or STQM 322 or MFGE 351	Production Processes or Inferential Statistics or Introduction to Industrial Engineering	3	No Equivalent
LDSP 410	Case Study Development and Research	3	No Equivalent

Human Resources Concentration (HMRS)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 of 5) LDSP 200 or LDSP 300 or MGMT 373 or MGMT 375 or MGMT 491	Leadership Resilience Principles or Adaptive Leadership or Human Resource Management or Negotiations or Management Internship	3	No Equivalent or No Equivalent or MGMT 1150 or No Equivalent or No Equivalent
LDSP 410	Case Study Development and Research	3	No Equivalent

Project Management Concentration (PROM)

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
(Choose 2 of 4) PROJ 325 or PROJ 350 or PROJ 351 or PROJ 420	Project Scheduling or Project Communication or Managing Procurement or Supply Chain Management	3	No Equivalent
LDSP 410	Case Study Development and Research	3	No Equivalent

Diversified Concentration (DVTK)

Select two courses, totaling 6 credits, from the Technical Concentration (TCHN) section, Human Resources Concentration (HMRS) section, or Project Management Concentration (PROM) section; excluding LDSP 410. 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
LDSP 410	Case Study Development and Research	3	No Equivalent

PROGRAM CONTACT INFORMATION

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

Ferris Statewide - Kalamazoo Valley Community College
(269) 488-4039
FerrisSW@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:
 1. ERW SAT score of 450 or higher.
 2. Math SAT score of 500 or higher. Placement in MATH 109 or 110 will be considered (Math SAT score of 480 or higher).
 3. Composite SAT of 900 or higher.
- ACT Scores Two of the Three Criteria:
 1. English ACT score of 16 or higher.
 2. Math ACT score of 19 or higher.
 3. 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

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.

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- Submit official transcripts
 - Submit official transcripts from every school attended to Transfer@Ferris.edu
 - Or mail to:
Ferris State University Admissions Office
1201 S. State St., CSS 201
Big Rapids, MI 49307
- Submit test scores (if required)
 - ACT Scores; go to the [ACT website](#) - Ferris State University School Code: 1994
 - SAT, CLEP and AP Scores; go to the [College Board website](#) - Ferris State University School Code: 1222

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, transfer policies and have any questions answered prior to completing an application. Ferris accepts transfer courses in which the student earned a letter grade of "C" or better. Additional policies such as the Ferris Sunset and Residency Requirement should be discussed with a Ferris advisor. Students who are completing the MTA may have different general education course requirements for the particular degree selected.

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.