

FERRIS STATE UNIVERSITY

ALLIED HEALTH SCIENCES TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Allied Health Sciences
Degree Type: Bachelor of Science
Ferris College: College of Health Professions
Transfer School: Kellogg Community College (KELLCC)
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 101 or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENG 151
ENGL 250	English 2	3	ENG 152
ENGL 321	Advanced Composition	3	No Equivalent

Quantitative Literacy Competency

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

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 115 or MATH 116 or MATH 117	Intermediate Algebra or Intermediate Algebra and Numerical Trigonometry or Contemporary Mathematics	3-4	No Equivalent or No Equivalent or MATH 115

Natural Sciences Competency

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

FERRIS STATE UNIVERSITY

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	No Equivalent
PUBH 320	Nutrition and Health	3	No Equivalent

FERRIS STATE UNIVERSITY

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

Professional and Clinical Courses

50 Credits Required (Advisor Approval)

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

PROGRAM CONTACT INFORMATION

College of Health Professions

Department of Health Administration and Health Information

(231) 591-2270

CHP@Ferris.edu

Ferris 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.
- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)

FERRIS STATE UNIVERSITY

- 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

FERRIS STATE UNIVERSITY

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the [Ferris catalog](#) for the most current curriculum.

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

BUSINESS ADMINISTRATION TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Business Administration

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Kellogg Community College (KELLCC)

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.

FERRIS STATE UNIVERSITY

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	No Equivalent or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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	MATH 102 or MATH 125

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 STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	ECON 202
ECON 202	Principles of Macroeconomics	3	ECON 201
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	ACCO 101 and ACCO 102
ACCT 202	Principles of Managerial Accounting	3	No Equivalent
STQM 260	Introduction to Statistics	3	BUAD 213 or MATH 130
MGMT 301	Applied Management	3	No Equivalent
BLAW 321	Contracts and Sales	3	BUAD 201
MKTG 321	Principles of Marketing	3	BUAD 251
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	OIT 161
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	BUAD 274
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BUAD 115 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	BUAD 132
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 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
- 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

FERRIS STATE UNIVERSITY

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.

BUSINESS ADMINISTRATION WITH PROFESSIONAL TRACK TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Business Administration with Professional Track

FERRIS STATE UNIVERSITY

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education page](#) for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	No Equivalent or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENGL 151
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	ENGL 153 or ENGL 152
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	MATH 102 or MATH 125

Natural Sciences Competency

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

FERRIS STATE UNIVERSITY

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 202
ECON 202	Principles of Macroeconomics	3	ECON 201
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	ACCO 101 and ACCO 102
ACCT 202	Principles of Managerial Accounting	3	No Equivalent
STQM 260	Introduction to Statistics	3	BUAD 213 or MATH 130
MGMT 301	Applied Management	3	No Equivalent
BLAW 321	Contracts and Sales	3	BUAD 201
MKTG 321	Principles of Marketing	3	BUAD 251
MGMT 370	Quality and Operations Management	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	OIT 161
MGMT 302	Team Dynamics and Organizational Behavior	3	BUAD 274
MGMT 305	Agile Leadership	3	No Equivalent
INTB 310 or INTB 335	International Business Systems or Cross-Cultural Business	3	BUAD 115 or No Equivalent
MGMT 350	Management Metrics and Decision Making	3	No Equivalent
MGMT 373	Human Resource Management	3	BUAD 132
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

PROGRAM CONTACT INFORMATION

College of Business

FERRIS STATE UNIVERSITY

Management Department

(231) 591-2427

MGMT@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.

[Ferris Online](#)

(231) 591-2340

Online@Ferris.edu

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 Program: Dental Hygiene

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 121-122

Catalog Year: 2023-2024

The effective dates for this articulation agreement are under revision.

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 101 or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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 125 or No Equivalent or MATH 115

FERRIS STATE UNIVERSITY

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
CHEM 114 or CHEM 121	Intro to General Chemistry or General Chemistry	4	CHEM 100 or CHEM 110
BIOL 108 or BIOL 251 and BIOL 252	Medical Microbiology or Human Anatomy and Human Physiology	3 or 6 or 4	No Equivalent or BIOL 201 and BIOL 202
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.

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 201
PSYC 150	Introduction to Psychology	3	PSYC 201
Varies	Self and Society Elective (Consult Advisor)	3	Varies

COLLEGE REQUIREMENTS – 82 Credits Required

College of Health Professions (COHP) Core Curriculum

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 100	Orientation to Medical Vocabulary	1	ALHE 227

FERRIS STATE UNIVERSITY

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

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 300	Dental Hygiene Role Transition	3	No Equivalent
DHYG 315	Health Promotion and Wellness	3	No Equivalent
COHP 317	Public Health Organizations	2	No Equivalent
DHYG 320	Dental Hygiene Informatics	4	No Equivalent
MKTG 321	Principles of Marketing	3	BUAD 251
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 Online](#)

(231) 591-2340

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

MORE INFORMATION

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at a statewide location).

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

Steps to Apply

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

Advising Notes

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](#).

FERRIS STATE UNIVERSITY

*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.

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.

DIGITAL MEDIA SOFTWARE ENGINEERING TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Digital Media Software Engineering

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Kellogg Community College (KELLCC)

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 207
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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

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	PHYS 221
Varies	Natural Sciences Elective	Varies	Varies

Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course. PHIL 216 is met in College Requirements.

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

Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, and at least one Self and Society Foundation course. ECON 201 or ECON 202 are met in College Requirements.

FERRIS STATE UNIVERSITY

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 Systems and Network Essentials	3	No Equivalent
SENG 302	Software Quality Assurance	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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	No Equivalent
ECON 201 or ECON 202	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 202 or ECON 201
STQM 260	Introduction to Statistics	3	BUAD 213 or MATH 130

Mathematics Courses

14 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 220	Analytical Geometry and Calculus 1	4	MATH 141
MATH 230	Analytical Geometry and Calculus 2	4	MATH 142
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	PHIL 202
PROJ 320 or DAGD 315	Project Management Fundamentals or Digital Media Productions	3	No Equivalent
BLAW 321	Contracts and Sales	3	No Equivalent

FERRIS STATE UNIVERSITY

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	ANIM 234 or 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

PROGRAM CONTACT INFORMATION

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

Ferris Online
(231) 591-2340

ADMISSION REQUIREMENTS

New Student Admission Requirements

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

Transfer Student Admission Requirements

- Combined college or university GPA of 2.00 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 transferable semester credit hours or more.

MORE INFORMATION

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at a statewide location).

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

Steps to Apply

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

Advising Notes

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

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours

FERRIS STATE UNIVERSITY

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.

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

Ferris Program: HVACR Engineering Technology and Energy Management

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Total Credits Required: 124

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education page](#) for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 207

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ENGL 150	English 1	3	ENGL 151
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	ENGL 153 or ENGL 152
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 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	MATH 125 and MATH 132 or MATH 140

Natural Sciences Competency

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

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

Culture Competency

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

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

Self and Society Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ECON 201	Principles of Microeconomics	3	ECON 202
Varies	Self and Society Elective	6	Varies

FERRIS STATE UNIVERSITY

COLLEGE REQUIREMENTS – 84 Credits Required

Major Courses

42 Credits Required.

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

Associate Degree Coursework

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

FERRIS STATE UNIVERSITY

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 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).

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

Steps to Apply

- Complete your [free application](#).

FERRIS STATE UNIVERSITY

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

Advising Notes

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

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

Disclaimer

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 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.

HEALTH INFORMATION MANAGEMENT TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Health Information Management

Degree Type: Bachelor of Science

Ferris College: College of Health Professions

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Total Credits Required: 124

Catalog Year: 2022-2023

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 101 or No Equivalent
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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 125

Natural Sciences Competency

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

FERRIS STATE UNIVERSITY

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

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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MRIS 103	Medical Terminology	3	No Equivalent
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
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	OIT 161
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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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 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).

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

Steps to Apply

- Complete your [free application](#).

FERRIS STATE UNIVERSITY

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

Advising Notes

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

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

Disclaimer

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 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.

INFORMATION SECURITY AND INTELLIGENCE TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Information Security and Intelligence

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Kellogg Community College (KELLCC)

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	No Equivalent or COMM 207
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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.

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	MATH 102 or MATH 125

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 202 or ECON 201
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	ACCO 101 and ACCO 102
STQM 260	Introduction to Statistics	3	BUAD 213 or MATH 130
MGMT 301	Applied Management	3	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MKTG 321	Principles of Marketing	3	BUAD 251

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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISIN 499	Capstone Experience	3	No Equivalent

CONCENTRATION OR MINOR – 12-18 Credits Required

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

Digital Forensics and Penetration Testing Concentration (DFPN)

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

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

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 STATE UNIVERSITY

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

Minor

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

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

PROGRAM CONTACT INFORMATION

College of Business

Accountancy, Finance, & Info Systems Department

(231) 591-2434

AFIS@Ferris.edu

Ferris 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.

FERRIS STATE UNIVERSITY

Steps to Apply

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

Advising Notes

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

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

FERRIS STATE UNIVERSITY

Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the [Ferris catalog](#) for the most current curriculum.

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

INTEGRATIVE STUDIES TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Integrative Studies

Degree Type: Bachelor of Science

Ferris College: College of Arts, Sciences, and Education

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2022-2023

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education page](#) for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COMM 101 or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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:

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

FERRIS STATE UNIVERSITY

- 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 102 or MATH 125

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.

FERRIS STATE UNIVERSITY

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 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).

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

FERRIS STATE UNIVERSITY

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.

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

Ferris Program: Mechanical Engineering Technology

FERRIS STATE UNIVERSITY

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

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 STATE UNIVERSITY

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

Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines, 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
MECH 211	Fluid Mechanics	4	No Equivalent
MECH 212	Kinematics of Mechanisms	2	EDMT 210

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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
MFGE 341	Quality Science Statistics	3	No Equivalent
MFGE 423	Engineering Economics	2	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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).

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

Steps to Apply

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

Advising Notes

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

FERRIS STATE UNIVERSITY

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the [Ferris catalog](#) for the most current curriculum.

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

ARTICULATION AGREEMENT

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

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

Ferris Program: Nursing - RN to BSN Completion

Degree Type: Bachelor of Science in Nursing

Ferris College: College of Health Professions

FERRIS STATE UNIVERSITY

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Articulation Agreement: Yes

Total Credits Required: 120-121

Catalog Year: 2023-2024

The proposed effective dates for this articulation agreement are September 1, 2023 - September 1, 2026.

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 101 or COMM 207 or No Equivalent
ENGL 150	English 1	3	ENG 151
ENGL 250	English 2	3	ENG 152
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 or Contemporary Mathematics	4 or 3 or 4 or 4	MATH 102 or MATH 125 or No Equivalent or MATH 115

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 and	Human Anatomy and	6	BIOL 201 and

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
BIOL 252	Human Physiology		BIOL 202

Culture Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Cultural Electives (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
PSYC 150	Introduction to Psychology	3	PSYC 201
SOCY 121	Introductory Sociology	3	SOCI 201
PSYC 226	Lifespan of Human Development	3	PSYC 220

COLLEGE REQUIREMENTS – 81 Credits Required

College of Health Professions (COHP) Core Curriculum

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COHP 100	Orientation to Medical Vocabulary	1	Varies
COHP 101	The United States Health Care System	3	Varies
COHP 102	Safety Issues in Health Care	1	Varies
*STQM 260 (Sub for COHP 350)	Introduction to Statistics (Sub for Statistics in Health Care)	3	MATH 130
COHP 450	Evidence-Based Health Care	3	No Equivalent

FERRIS STATE UNIVERSITY

Major Courses

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NURS AAS	ADN or Diploma RN Program	40	Varies
NURS 320	RN to BSN Skills Acquisition	3	No Equivalent
NURS 324	Transition into Professional Nursing	3	No Equivalent
NURS 310	Population Based Health Promotion	3	No Equivalent
NURS 340	Community Nursing	3	No Equivalent
NURS 440	Leadership in Nursing	3	No Equivalent
NURS 450	Nursing Capstone	3	No Equivalent
NURS 495	Senior Capstone Leadership Practicum	4	No Equivalent
(Choose 1 of 8) COHP 300	Health Informatics	3	No Equivalent
(Choose 1 of 8) NURS 300	Pathophysiology for Nursing Practice	3	No Equivalent
(Choose 1 of 8) NURS 314	Gerontological Nursing	3	No Equivalent
(Choose 1 of 8) NURS 315	End of Life Nursing Care	3	No Equivalent
(Choose 1 of 8) NURS 316	Transcultural Nursing	3	No Equivalent
(Choose 1 of 8) NURS 317	Spirituality in Nursing Care	3	No Equivalent
(Choose 1 of 8) NURS 319	Disaster Nursing and Emergency Preparedness	3	No Equivalent
(Choose 1 of 8) Varies	Elective Course (Advisor Approval)	3	No Equivalent

Electives (Consult Advisor)

5 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 5 credits of elective courses to meet the required 120 credit minimum.

FERRIS STATE UNIVERSITY

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 Online](#)

(231) 591-2340

Online@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

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

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.

MORE INFORMATION

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at a statewide location).

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

Steps to Apply

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

Advising Notes

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

FERRIS STATE UNIVERSITY

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

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.

PRODUCT DESIGN ENGINEERING TECHNOLOGY TRANSFER GUIDE FOR GRAND RAPIDS COMMUNITY COLLEGE

Ferris Program: Product Design Engineering Technology

Degree Type: Bachelor of Science

Ferris College: College of Engineering Technology

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: No

Total Credits Required: 120-124

Catalog Year: 2024-2025

FERRIS STATE UNIVERSITY

GENERAL EDUCATION REQUIREMENTS – 40-43 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education](#) page for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COMM 207
ENGL 150	English 1	3	ENGL 151
ENGL 250	English 2	3	ENGL 152
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 116 or MATH 120	Intermediate Algebra and Numerical Trigonometry or Trigonometry	4 or 3	MATH 118 or MATH 122

Natural Sciences Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
CHEM 103 or CHEM 114 or CHEM 121	Preparatory Chemistry or Introduction to General Chemistry or General Chemistry 1	3 or 4 or 5	No Equivalent or CHEM 100 or CHEM 110
PHYS 211	Introductory Physics 1	4	PHYS 111

Culture Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ARTS 101	Basic Art	3	ART 110 or

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
			ART 209
Varies	Culture Electives	6	Varies

Self and Society Competency

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
GEOG 100	Geography of World Regions	3	No Equivalent
Varies	Self and Society Electives	6	Varies

COLLEGE REQUIREMENTS – 80 Credits Required

Major Courses

27 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PDET 100	Product Design Engineering Technology Orientation and Degree Planning	1	No Equivalent
PDET 210	Design Career Preparation	1	No Equivalent
PDET 311	Seminar in Product Design	1	No Equivalent
PDET 312	Advanced Tolerancing	2	No Equivalent
PDET 321	Applied Mechanics and Kinematics	3	No Equivalent
PDET 322	Model and Prototype Development	2	DRAF 234
PDET 411	Machine Design	3	No Equivalent
PDET 412	Statistics and Ergonomics	2	No Equivalent
PDET 413	Applied Fluids and Thermodynamics	3	No Equivalent
PDET 415	Advanced Solid Modeling CAD	2	No Equivalent
PDET 422	Advanced Machine Design	4	No Equivalent

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
PDET 498	Senior Project 1	1	No Equivalent
PDET 499	Senior Project 2	2	No Equivalent

Additional Requirements

35 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
MATH 126 or MATH 130	Algebra and Analytic Trigonometry or Advanced Algebra and Analytical Trigonometry	4	MATH 125 and MATH 132 or MATH 122 and MATH 124
MATH 216 or MATH 220	Applied Calculus or Analytical Geometry and Calculus 1	4	No Equivalent or MATH 141
PDET 122 or ETEC 140	Parametric Modeling or Engineering Graphics Comprehensive	3	No Equivalent
COMM 336	Technical and Professional Presentation	3	No Equivalent
EAET 201	Electrical Fundamentals	3	No Equivalent
MATL 240	Introduction to Material Science	4	No Equivalent
MATL 341	Material Selection Metals	3	No Equivalent
MECH 340	Statics and Strengths of Materials	4	No Equivalent
MFGE 352	Design for Manufacturing	2	No Equivalent
MFGT 150	Manufacturing Processes	2	No Equivalent
PLTS 342	Plastic Material Selection	3	No Equivalent

Electives

18 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 18 credits of elective courses to meet the required 120 credit minimum.

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

FERRIS STATE UNIVERSITY

PROGRAM CONTACT INFORMATION

College of Engineering Technology

Product Design Engineering Technology Program

(231) 591-2755

PDET@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

- 2.75 High School GPA (on a 4.00 scale) (2.50 -2.74 with college approval)
- Minimum Composite Score of ACT 20/SAT 1030, Math Score of ACT 19/SAT 500, English Score of ACT 17/SAT 450 ERW
- Placement into MATH 115 or higher
- Placement into ENGL 150 or higher

Transfer Student Admission Requirements

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

MORE INFORMATION

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at a statewide location).

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

Steps to Apply

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

Advising Notes

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

FERRIS STATE UNIVERSITY

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

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.

PROJECT MANAGEMENT TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Project Management

Degree Type: Bachelor of Science

Ferris College: College of Business

Transfer School: Kellogg Community College (KELLCC)

Consortium Eligible: Yes

Total Credits Required: 120-124

Catalog Year: 2022-2023

FERRIS STATE UNIVERSITY

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education](#) page for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	No Equivalent or COMM 207
ENGL 150	English 1	3	ENGL 151
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	ENGL 153 or ENGL 152
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 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	MATH 102 or MATH 125

Natural Sciences Competency

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

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

Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, and have no more than 5 credits from Culture Competency Activities.

FERRIS STATE UNIVERSITY

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

Self and Society Competency

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

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

COLLEGE REQUIREMENTS – 81-84 Credits Required

Business Core Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ACCT 201	Principles of Financial Accounting	3	ACCO 101 or ACCO 102
ACCT 202	Principles of Managerial Accounting	3	No Equivalent
STQM 260	Introduction to Statistics	3	BUAD 213 or MATH 130
MGMT 301	Applied Management	3	No Equivalent
BLAW 321	Contracts and Sales	3	BUAD 201
MKTG 321	Principles of Marketing	3	BUAD 251
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 STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
ISYS 105	Introduction to Microcomputer Systems and Software	3	OIT 161
PROJ 300	Crisis Management	3	No Equivalent
MGMT 302	Team Dynamics and Organizational Behavior	3	BUAD 274
MGMT 305	Agile Leadership	3	No Equivalent
PROJ 320	Project Management Fundamentals	3	No Equivalent
PROJ 325	Agile Project Management	3	No Equivalent
PROJ 350	Project Scheduling	3	No Equivalent
PROJ 351	Project Communication	3	No Equivalent
PROJ 420	Managing Procurement	3	No Equivalent
PROJ 444	Project Risk and Quality Management	3	No Equivalent
PROJ 491 or Directed Elective (Advisor Approval)	Project Management Internship or Directed Elective (Advisor Approval)	3	No Equivalent
PROJ 499	Project Management Capstone	3	No Equivalent

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 Online

(231) 591-2340
Online@Ferris.edu

FERRIS STATE UNIVERSITY

ADMISSION REQUIREMENTS

New Student Admission Requirements

2.50 High School GPA (on a 4.00 scale)

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

Transfer Student Admission Requirements

- Combined college or university GPA of 2.35 (on a 4.00 scale) from all institutions attended. GPA based on completion of 12 credit hours or more.
- 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.

FERRIS STATE UNIVERSITY

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program-specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Transfer Equivalencies Tools

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

Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the [Ferris catalog](#) for the most current curriculum.

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

SURVEYING ENGINEERING TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Surveying Engineering

Degree Type: Bachelor of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Kellogg Community College (KELLCC)

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

FERRIS STATE UNIVERSITY

must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State [general education](#) page for more information.

Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 207
ENGL 150	English 1	3	ENGL 151
* ENGL 250	English 2	3	ENGL 151H

* 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 141

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 110
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

FERRIS STATE UNIVERSITY

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 142
PHYS 241	General Physics 1	5	PHYS 221
PHYS 242	General Physics 2	5	PHYS 222
MATH 322	Linear Algebra	3	No Equivalent
MATH 330	Differential Equations	3	MATH 242

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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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
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

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

FERRIS STATE UNIVERSITY

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).

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.

SURVEYING TECHNOLOGY TRANSFER GUIDE FOR KELLOGG COMMUNITY COLLEGE

Ferris Program: Surveying Technology

Degree Type: Associate of Applied Science

Ferris College: College of Engineering Technology

Transfer School: Kellogg Community College (KELLCC)

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 151
ENGL 250	English 2	3	ENGL 152

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	No Equivalent

FERRIS STATE UNIVERSITY

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

Culture Competency

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

Self and Society Competency

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

Additional General Education Requirements

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

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
COMM 121	Fundamentals of Public Speaking	3	COM 207
MATH 120	Trigonometry	3	MATH 132
MATH 130	Advanced Algebra and Analytical Trigonometry	4	No Equivalent

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

FERRIS STATE UNIVERSITY

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
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
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

ADMISSION REQUIREMENTS

New Student Admission Requirements

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

Transfer Student Admission Requirements

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

FERRIS STATE UNIVERSITY

MORE INFORMATION

Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at a statewide location).

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

Steps to Apply

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

Advising Notes

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

Meeting with a Ferris advisor prior to the selection of general education or elective coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our [Transfer Resource page](#).

*Indicates an approved Ferris course substitution

Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not

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

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.