

Ferris Program: Digital Animation and Game Design

Degree Type: Bachelor of Applied Science

Ferris College: College of Business

Transfer School: Grand Rapids Community College

Consortium Eligible: Yes

Total Credits Required: 120-121

Catalog Year: 2026-2027

GENERAL EDUCATION REQUIREMENTS – 39-40 Credits Required

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

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

Communication Competency

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

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|--|---|---------------------|--|
| COMM 105 or COMM 121 or COMM 221 or COMM 251 | Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making or Argumentation and Debate | 3 | COM 135 or COM 131 or No Equivalent or No Equivalent |
| ENGL 150 | English 1 | 3 | EN 101 |
| ENGL 211 or ENGL 250 | Industrial and Career Writing or English 2 | 3 | No Equivalent or EN 102 |
| (Choose 1 of 6) ENGL 311 | Advanced Technical Writing | 3 | EN 249 |
| (Choose 1 of 6) ENGL 321 | Advanced Composition | 3 | No Equivalent |
| (Choose 1 of 6) ENGL 323 | Proposal Writing | 3 | No Equivalent |
| (Choose 1 of 6) ENGL 325 | Advanced Business Writing | 3 | No Equivalent |
| TMDP 326 | Script Writing | 3 | |

Quantitative Literacy Competency

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

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

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|----------------------|--|---------------------|--------------------|
| MATH 114 or MATH 115 | Quantitative Reasoning for Professionals 2 or Intermediate Algebra | 4 or 3 | MTH 115 or MTH 112 |

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 Courses

52 Credits Required.

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|---|---------------------|-----------------|
| DAGD 100 | 3D Modeling and Animation 1 | 3 | No Equivalent |
| DAGD 103 | 3D Visual Drawing and Sculpture | 3 | No Equivalent |
| DAGD 104 | Digital Imaging | 3 | No Equivalent |
| DAGD 150 | Introduction to Game Design and Development | 3 | No Equivalent |

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| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|----------------------------------|---------------------|-----------------|
| DAGD 155 | Introduction to Coding for Games | 3 | No Equivalent |
| DAGD 201 | Animation Preproduction | 3 | No Equivalent |
| DAGD 204 | Digital Imaging for 3D | 3 | No Equivalent |
| DAGD 230 | 3D Modeling and Animation 2 | 3 | No Equivalent |
| TDMP 243 | Field Production | 3 | No Equivalent |
| DAGD 260 | Multimedia Design | 3 | No Equivalent |
| DAGD 305 | Portfolio | 3 | No Equivalent |
| DAGD 310 | Interaction Design | 3 | No Equivalent |
| DAGD 315 | Digital Media Productions | 3 | No Equivalent |
| BLAW 321 | Contracts and Sales | 3 | No Equivalent |
| DAGD 340 | Junior Project | 3 | No Equivalent |
| DAGD 491 | Applied Internship | 3 | No Equivalent |
| DAGD 498 | Seminar | 1 | No Equivalent |
| DAGD 499 | Capstone | 3 | No Equivalent |

Electives

8 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 8 credits of elective courses to meet the required 120 credit minimum. These courses are not used to calculate the major 2.50 GPA requirement.

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

CONCENTRATION – 21 Credits Required

Choose One Concentration

3D Animation Concentration (AN3D)

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|--|---------------------|-----------------|
| DAGD 280 | Digital Sculpting | 3 | No Equivalent |
| DAGD 301 | Animation Techniques | 3 | No Equivalent |
| DAGD 335 | 3D Modeling and Animation 3 - Rendering, Lights, and Materials | 3 | No Equivalent |

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| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------|---|---------------------|-----------------|
| DAGD 345 | Contemporary Tools and Techniques | 3 | No Equivalent |
| DAGD 375 | Advanced 3D - Character | 3 | No Equivalent |
| DAGD 385 | Advanced Modeling and Animation - Vehicle and Structure | 3 | No Equivalent |
| DAGD 430 | Digital FX | 3 | No Equivalent |

Game Development Concentration (GMDV)

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

General Concentration (GDAG)

| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------------------|---------------------------------|---------------------|-----------------|
| TDMP 136 | Audio Production | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 255 | Game Programming 1 | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 280 | Digital Sculpting | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 300 | Level Design | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 301 | Animation Techniques | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 302 | Procedural Animation Techniques | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 320 | Multiplayer Game Programming | 3 | No Equivalent |

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| Ferris Course | Ferris Course Title | Ferris Credit Hours | Transfer Course |
|---------------------------|--|---------------------|-----------------|
| (Choose 6 of 15) DAGD 335 | 3D Modeling and Animation 3 - Rendering, Lights, and Materials | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 345 | Contemporary Tools and Techniques | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 355 | Game Programming 2 | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 375 | Advanced 3D - Character | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 385 | Advanced Modeling and Animation - Vehicle and Structure | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 420 | Applied Digital Simulation | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 430 | Digital FX | 3 | No Equivalent |
| (Choose 6 of 15) DAGD 460 | Multimedia 2 | 3 | No Equivalent |
| (Choose 6 of 15) Varies | Elective Course (Advisor Approval) | 3 | No Equivalent |

PROGRAM CONTACT INFORMATION

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

Ferris State - Grand Rapids
 (616) 451-4777
FSUGR@Ferris.edu

ADMISSION REQUIREMENTS

New Student Admission Requirements

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

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Transfer Student Admission Requirements

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

MORE INFORMATION

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.

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Michigan Transfer Agreement (MTA)

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

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

Transfer Equivalencies Tools

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

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.