

The Digital Animation and Game Design program is focused on educating students in the latest tools and technology used to create digital and interactive content to offer a multitude of futures for its graduates, from 3D animation to simulation to game design. The required general education classes are targeted to future employees in digital technology as well as providing general knowledge and skills that will be useful in many aspects of life. The foundation classes provide depth of knowledge applicable to any digital technology field with classes in design, business, 3D animation, and programming. Students can further focus their studies by concentrating in areas of Game Development, 3D animation, or a general concentration that combines the strongest elements of digital media. Before graduating, all students will also complete an internship to give them the real-world experience and the people connections necessary to succeed in their chosen profession.

Communication Competency

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COMM 105 or COMM 121 or	Interpersonal Communication or Fundamentals of Public Speaking or Small Group	3	COM 135 or COM 131 or No Equivalent	Interpersonal Communication or Fundamentals of Public Speaking or No Equivalent	3
COMM 221 or COMM 251	Decision Making or Argumentation and Debate		No Equivalent	No Equivalent	
ENGL 150	English 1	3	EN 100	College Writing	3
ENGL 211 or ENGL 250	Industrial and Career Writing or English 2	3	EN 249 or EN 102	Technical Writing or English Composition 2	3
ENGL 311 or ENGL 321 or ENGL 323 or ENGL 325 or 2 WRIT Electives & 1 COMM Elective or 3 WRIT Electives	Advanced Technical Writing or Advanced Composition or Proposal Writing or Advanced Business Writing or 2 WRIT Electives & 1 COMM Elective – 200 level or higher (excludes COMM 200 or 201) or 3 WRIT Electives	3	EN 249 or No Equivalent	Technical Writing or No Equivalent	3

Quantitative Literacy

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
MATH 114 or MATH 115	Quantative Reason for Professionals or Intermediate Algebra	3	BA 150 or MA 107	Mathematical Applications in Business or Intermediate Algebra	4

Natural Sciences Competency – 2 courses; 1 course with lab

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Natural Sciences Elective	6	Varies	Varies	6

Culture Competency Requirements - 9 credits from two different disciplines with one course at 200 + FSU level or higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Culture Electives	9	Varies	Varies	9

Self and Society Competency Requirements – 9 credits from two different disciplines with one course at 200 + FSU level or higher

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
Varies	Self & Society Electives	9	Varies	Varies	9

[Ferris State University General Education Program](#). Students are encouraged to work with an advisor to select appropriate general education courses

Diversity - Competency met by 2 courses designated as Global and U.S. Diversity is satisfied by: These courses can be met through the Culture and Self and Society Competency requirements.

Major Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
BLAW 321	Contracts and Sales	3	No Equivalent	No Equivalent	0
DAGD 100	3D Modeling Animation 1	3	No Equivalent	No Equivalent	0
DAGD 103	3D Visual Drawing Sculpture	3	No Equivalent	No Equivalent	0
DAGD 104	Digital Imaging	3	No Equivalent	No Equivalent	0
DAGD 150	Intr Game Design - Development	3	No Equivalent	No Equivalent	0
DAGD 155	Introduction to Coding for Games	3	No Equivalent	No Equivalent	0
DAGD 201	Animation Preproduction	3	No Equivalent	No Equivalent	0
DAGD 204	Digital Imaging for 3D	3	No Equivalent	No Equivalent	0
DAGD 230	3D Modeling Animation 2	3	No Equivalent	No Equivalent	0
DAGD 260	Multimedia Design	3	No Equivalent	No Equivalent	0
DAGD 305	Portfolio	3	No Equivalent	No Equivalent	0
DAGD 310	Interaction Design	3	No Equivalent	No Equivalent	0
DAGD 315	Digital Media Productions	3	No Equivalent	No Equivalent	0
DAGD 340	Junior Project	3	No Equivalent	No Equivalent	0
DAGD 491	Applied Internship	3	No Equivalent	No Equivalent	0
DAGD 498	Seminar	1	No Equivalent	No Equivalent	0
DAGD 499	Capstone	3	No Equivalent	No Equivalent	0
TDMP 243	Field Production	3	No Equivalent	No Equivalent	0

Application Domain – 21 Credits Required

Option One: 3D Animation and Visualization

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv	GRCC Course Title	GRCC Cr. Hrs.
DAGD 280	Digital Sculpting	3	No Equivalent	No Equivalent	0
DAGD 301	Animation Techniques	3	No Equivalent	No Equivalent	0
DAGD 335	3D Modeling Animation 3	3	No Equivalent	No Equivalent	0
DAGD 345	Contemporary Tools/ Techniques	3	No Equivalent	No Equivalent	0
DAGD 375	Advanced 3D- Character	3	No Equivalent	No Equivalent	0
DAGD 385	Adv Mod-Anim-Vehicle-Structure	3	No Equivalent	No Equivalent	0
DAGD 430	Digital FX	3	No Equivalent	No Equivalent	0

Application Domain – 21 Credits Required

Option Two: Game Development

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv	GRCC Course Title	GRCC Cr. Hrs.
DAGD 255	Game Programming 1	3	No Equivalent	No Equivalent	0
DAGD 300	Level Design	3	No Equivalent	No Equivalent	0
DAGD 302	Procedural Animation Techniques	3	No Equivalent	No Equivalent	0
DAGD 320	Multiplayer Game Programming	3	No Equivalent	No Equivalent	0
DAGD 355	Game Programming 2	3	No Equivalent	No Equivalent	0
DAGD 420	Applied Digital Simulation	3	No Equivalent	No Equivalent	0
DAGD 460	Web Game Development	3	No Equivalent	No Equivalent	0

Application Domain – 21 Credits Required

Option Three: Interdisciplinary

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv	GRCC Course Title	GRCC Cr. Hrs.
TDMP 136	Audio Production	3	No Equivalent	No Equivalent	0
Varies	Varies	18	No Equivalent	No Equivalent	0

Electives – 8 Credits Required

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv	GRCC Course Title	GRCC Cr. Hrs.
Varies	Varies – Advisor Approved	8	Varies	Varies – Advisor Approved	8

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.

Total Credits Required for Degree	120 – 122
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Students seeking a Ferris DAGD degree must complete at least 60 credit hours within the School of Digital Media.

Program Delivery Locations and Contact Information:

Main Campus, Big Rapids

College of Education and Human Services

School of Digital Media

(231) 591-2712 | [School of Digital Media Website](#)

Ferris Statewide – Grand Rapids

(616) 452-4777 | (800) 998-3425 | [Ferris Statewide Email](#)

[Transfer Partnerships Website](#)

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 an off-campus location).

General Admission Criteria

New Students SAT Scores

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
 - SAT ERW score of 450 or higher
 - SAT Math score of 500 or higher. Placement in MATH 109/110 will be considered (SAT Math score of 480 or higher).
 - SAT Composite of 900 or higher

New Students ACT Scores

- 2.5 High School GPA (on a 4.0 scale)
- Two of the Three Criteria:
 - ACT English score of 16 or higher
 - ACT Math score of 19 or higher
 - ACT Reading score of 19 or higher

Transfer Students

- Must have a 2.5 overall GPA (on a 4.0 scale)
- Must have at least 12 credits, including an English and a Mathematics course
- All courses transferred in must be at least a “C” grade or higher, including courses used in the DAGD required core and recommended electives

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. 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 course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation.

Reverse Transfer Agreement

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor’s degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

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.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

Disclaimer

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to effective and/or revised date on the bottom of this guide.