

The Digital Animation and Game Design (DAGD) degree is designed as a multidisciplinary degree covering 3D animation, programming, design, and business. Likely participants will have a desire for careers in animation, design, simulation, and programming. The digital animation concentration includes a required concentration for depth, an elective section that offers greater breadth in the discipline area, and general education requirements targeted toward courses serving employees in digital technology. The DAGD program offers students the opportunity to actively compete in many growing industries such as: game design and asset creation, film, television, medical visualization, legal simulation, web development, educational software, and product design.

Course Requirements

Schoolcraft College			
Course	Ferris Equiv.	Schoolcraft Course Titles	Cr. Hrs.
COMA 103 or COMA 200	COMM 121 or COMM 105	Principles of Speaking or Interpersonal Communication	3
ENG 101	ENG 150	English Composition	3
ENG 102	ENG 250	English Composition	3
MATH 112	MATH 115	Intermediate Algebra	4
MATH 119	MATH 130	Trigonometry (for Game Dev Track)	4
SCC	VARIES	FSU General Education – Natural Sciences	3-4
SCC	VARIES	FSU General Education - Lab Natural Sciences	4
SCC	VARIES	FSU General Education - Culture (one must transfer at 200+ level)	9
SCC	VARIES	FSU General Education – Self and Society (one must transfer at 200+ level)	9
BUS 207	BLAW 321	Contracts and Sales	3
CGT 168	DAGD 101	Storyboarding	3
CGT 125	DAGD 104	Digital Imaging	3
CGT 252	DAGD 100	3D Animation	3
SCC	VARIES	Electives	9
Total Schoolcraft College Credits			59

Ferris State University		
Course	Ferris Course Titles	Cr. Hrs.
ENG 311, ENG 321, or ENG 325	Advanced Technical Writing, Advanced Composition, or Advanced Business Writing	3
DAGD 102	Story Development for Film and Gaming	3
DAGD 103	3D Visualization – 3D Drawing and Sculpture	3
DAGD 230	3D Modeling & Animation II	3
DAGD 150	Introduction to Game Design & Development	3
DAGD 310	Interaction Design	3
DAGD 260	Multimedia Authoring	3
DAGD 204	Digital Imaging for 3D	3
SENG 100	Introduction to Computer Programming	3
TDMP 243	Field Production	3
DAGD 315	Digital Media Productions	3
DAGD 305	Portfolio	3
DAGD 340	Junior Project	3
DAGD 491	Applied Internship	3
DAGD 499	Capstone Course	3

Complete one of the following concentrations:

Option 1: General

TDMP 136	Digital Audio Production for Digital Media	3
DAGD 300	Level Design	3
DAGD 335	3D Modeling & Animation III	3
DAGD 375 or DAGD 385	Adv. Modeling & Animation – Vehicle & Structure	3
DAGD 430	Digital FX or	3
DAGD 420	Applied Digital Simulation	
DAGD 460	Multimedia Authoring II	3

Option 2: 3D Animation

DAGD 335	3D Modeling & Animation III	3
DAGD 375	Advanced Modeling & Animation - Character	3
DAGD 385	Adv. Modeling & Animation – Vehicle & Structure	3
DAGD 430	Digital FX	3
DAGD 380	Digital Sculpting	3
DAGD	Advisor Approved Elective	3

Option 3: Game Development

DAGD 255	Game Programming	3
DAGD 300	Level Design	3
DAGD 320	Multiplayer Game Programming	3
DAGD 355	Game Programming II	3
DAGD 420	Applied Digital Simulation	3
DAGD 460	Multimedia Authoring II	3

Total Ferris Credits **63**

Credits Required for Degree **124**

Students seeking a Ferris DAGD degree must complete at least 60 credit hours within the School of Digital Media.

Please refer to FSU's General Education Requirements at:

<http://www.ferris.edu/htmls/academics/gened/index.htm>

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 are encouraged to work with their Ferris advisor for selection of any electives, to ensure transferability and to minimize credits taken.

Program Offered at:

Ferris Statewide, Grand Rapids

(616) 451-4777 or (800) 998-3425

or fsugr@ferris.edu

www.ferris.edu/statewide

www.ferris.edu/dagd

Main Campus, Big Rapids

College of Education & Human Services

(231) 591-3648

www.ferris.edu/transfer

General Admission Criteria

This course-specific degree completion program is a four-year sequence that begins promptly upon acceptance and enrollment. It is expected that students entering this technology intensive program already have solid foundation skills in dealing with personal computers. Prior to applying, meet with an advisor to answer questions and discuss a Ferris/SCC course schedule. Recent high school graduates need an ACT score of 19 and a high school grade point average of 2.50. Transfer courses must be a "C" grade or higher to be applied towards the minimum 125 semester credits required for graduation.

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

Online Learning

Select courses 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). The "Online Readiness Tutorial" is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

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.

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 the effective and/or revised date on the bottom of the guide.