

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

Mid Michigan College			
Course	Ferris Equiv.	Mid Michigan Course Titles	Cr. Hrs.
ART 105	DAGD 103	Drawing I – Introductory	3
ART 135	ARTS 1--	Graphic Design I	3
ART 235	DAGD 104	Graphic Design II	3
BUS 153	BLAW 321	Business Law	3
CIS 110	SENG 100	Computer Programming I	3
or CIS 151 or CIS 175			
ENG 111	ENG 150	Freshman English Composition	3
ENG 222	ENG 250	Expository Writing & Research	3
MAT 105	MATH 115	Intermediate Algebra	3
MMC	VARIABLES	FSU General Education – Natural Sciences Course	3-4
MMC	VARIABLES	FSU General Education - Lab Natural Sciences	4
MMC	VARIABLES	FSU General Education – Culture Electives (one must transfer at 200 level)	9
MMC	VARIABLES	FSU General Education – Self and Society Electives (one must transfer at 200 level) Recommend Pol 250* at MMC = PLSC 341 at Ferris	9
MMC	VARIABLES	Electives	9
MMC	VARIABLES	300 level elective	3
SPE 101	COMM 105	Fundamentals of Communication	3
or SPE 257	or COMM 121	or Public Speaking	
<b>Total Mid Michigan College Credits</b>			<b>64 - 65</b>

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.

\*Students completing the MTA do not need to take POL 250.

Ferris State University		
Course	Ferris Course Titles	Cr. Hrs.
DAGD 100	3D Modeling & Animation I	3
DAGD 101	2D Visualization – Storyboards & Style Guides	3
DAGD 102	Story Development for Film & Gaming	3
DAGD 150	Introduction to Game Design & Development	3
DAGD 204	Digital Imaging for 3D	3
DAGD 230	3D Modeling & Animation II	3
DAGD 260	Multimedia 1	3
DAGD 305	Portfolio	3
DAGD 310	Interaction Design	3
DAGD 315	Digital Media Productions	3
DAGD 340	Junior Project	3
DAGD 491	Applied Internship	3
DAGD 499	Capstone Course	3
ENG 311, ENG 321 or ENG 325	Advanced Technical Writing, Advanced Composition, or Advanced Business Writing	3
TDMP 243	Field Production	3
<b>Choose One Application Domain for a total of 18 credits</b>		
<b>Option 1: General</b>		
DAGD 300	Level Design	
DAGD 335	3D Modeling & Animation III	
DAGD 375 or DAGD 385	Adv. Modeling & Animation or Vehicle & Structure	
DAGD 430 or DAGD 420	Digital FX or Applied Digital Simulation	
DAGD 460	Multimedia Authoring II	
TDMP 136	Audio Production	
<b>Option 2: 3D Animation</b>		
DAGD 335	3D Modeling & Animation III	
DAGD 375	Advanced Modeling & Animation - Character	
DAGD 385	Adv. Modeling & Animation – Vehicle & Structure	
DAGD 430	Digital FX	
DAGD 380	Digital Sculpting	
DAGD 3xx	Advisor Approved Elective	
<b>Option 3: Game Development</b>		
DAGD 255	Game Programming I	
DAGD 300	Level Design	
DAGD 320	Multiplayer Game Programming	
DAGD 355	Game Programming II	
DAGD 420	Applied Digital Simulation	
DAGD 460	Multimedia Authoring II	
<b>Total Ferris Credits</b>		<b>63</b>

**Total Ferris Credits** **63**

**Credits Required for Degree** **127 - 128**

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. Recent high school graduates need an ACT score of 19 and a high school grade point average of 2.50. College transfer GPA requires a 2.5 GPA in college/university courses. College transfer courses must be a "C" grade or higher to be applied towards the minimum 125 semester credits required for graduation. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application.

#### **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.

#### **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 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.

#### **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.