



Simulation and Game Design AAS (Track I & Track II) Grade of C or higher

60-61 credits, General Education Courses 15-16 credits

The Simulation & Game Design AAS provides a broad background in areas such as animation, visual effects, game design, 2D arts, 3D arts, UI/UX design & development, augmented reality, virtual reality, and mixed reality. The student will apply the latest design technologies, real-world scenarios, and future methodologies for print (2D and 3D), computers, consoles, and mobile devices.

Semester One - Fall (15 credits)

- ART 1201 - Drawing I (Arts and Humanities) (3 credits)
- MGD 1011 - Adobe Photoshop I (3 credits)
- MGD 1064 - Digital Video Editing I (3 credits)
- MGD 1063 - Sound Design I (3 credits)
- MGD 1055 - 3D Modeling I (3 Credits)

Semester Two - Spring (15-16 credits)

- MAT 1140 (MAT 1240: Math for Liberal Arts: MA1 recommended) (Mathematics) (3-4 credits)
- MGD 1012 - Adobe Illustrator I (3 credits)
- MGD 1042 - Digital Animatics (3 credits)
- MGD 2055 - 3D Modeling II (3 Credits)

Track I | Track II

Semester Three - Fall (15 credits)

- ENG 1031 - Technical Writing I: CO1 (Communications) (3 credits)
- MGD 2020 - Advanced Character Rigging (3 credits)
- MGD 1022 - Sculpting for Digital Media (3 credits)
- MGD 1065 - After Effects I (3 credits)

Track I | Track II

Semester Four - Spring (15 credits)

- ART 1401 - Digital Photography I (Arts and Humanities) (3 credits)
- PSY 2221 - Social Psychology: SS3 (Social and Behavior Sciences) (3 credits)
- MGD 1021 - Painter for Digital Media (3 credits)
- MGD 2089 - Capstone (3 credits)

Track I | Track II

Track I

Animation:

- MGD 1053 - 3D Animation I (Semester 2) (3 credits)
- MGD 2053 - 3D Animation II (Semester 3) (3 credits)
- MGD 2057 - Animation Production (Semester 4) (3 credits)

Track II

Game Design:

- MGD 1025 - 3D Modeling for Gaming (Semester 2) (3 credits)
- MGD 1067 - Game Design I (Semester 3) (3 credits)
- MGD 2067 - Game Design II (Semester 4) (3 credits)
- MGD 2052 - Game Design for Mobile Devices (Semester 4) (3 cred.)

