M.F.A. IN INTERACTIVE MEDIA

Overview
The University of Miami Interactive Media Master of Fine Arts is a 45-credit terminal degree that prepares students to design meaningful experiences through the cultural, social, academic contexts of emerging technologies.

The program equips a new generation of innovators and leaders in the field of interaction design. Its mission is to explore the use of design, technology, human behavior, and their impact on our community. The multidisciplinary curriculum brings together students from different backgrounds to explore the role that design and interactive technologies play in our society and develop the leadership skills and ethical thinking required to succeed in shaping it.

Admission Requirements
The following is a list of the required conditions as well as the required documents/fees for your application for admission to the Master of Arts degree program in the School of Communication.

- A baccalaureate degree from an accredited institution
- The School's official application
- An $85.00 non-refundable application fee
- Three letters of recommendation
- 500-word typed statement of academic and professional goals
- Official transcripts of all college work, both undergraduate and graduate.
  - Note: In addition, international applicants must send an official copy of their diploma for all degrees earned, and all documentation that confirms their degree, with English translation for all degrees earned.
  - Note: All transcripts must be the original document, forwarded directly from the university. Xerox copies, true copies, notarized copies and other types of copies are not acceptable.
- Official TOEFL or IELTS scores
  - Note: Only for international applicants.
- Copy of current passport
  - Note: Only for international applicants. The name entered on the graduate application must exactly match your name as it appears on your passport.
- Official Graduate Record Examination (GRE) scores or portfolio (preferred).
  - Note: Students must submit a portfolio. Digital portfolios are preferred, but hard-copy or USB portfolios may also be mailed to the address below. Please note that we do not return portfolios or USB sticks. Students may choose to submit their GRE score if they don’t have a portfolio. Submitting a GRE instead of a portfolio will not affect their chances of getting accepted. Students may also submit both their GRE and portfolio. Our institution code for the GRE is #5815 and the department code is #4599.

Contact the Office of Graduate Studies, call 305-284-5236 or email (socgrad@miami.edu), for information.

Curriculum Requirements

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CIM 601</td>
<td>Prototyping</td>
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<td>Interactive Media Business Essentials</td>
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<td>Collaborative Innovation Laboratory</td>
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<td>Capstone 1 - Concept Incubation Studio</td>
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<td>JMM 622</td>
<td>Introduction to Infographics and Data Visualization</td>
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Specializations

Interaction Design Sequence
### M.F.A. in Interactive Media

#### Game Design Sequence
- CIM 604: Designing Playful Experiences
- CIM 623: Building Virtual Worlds
- CIM 674: 2D Character Design
- CCA 623: Advanced 3D Character Design
- CIM 694: Game Development Studio

#### Interactive Storytelling
- CIM 612: Human-Computer Interaction
- CIM 623: Building Virtual Worlds
- CIM 633: Augmented Reality
- CIM 643: Front End Fundamentals
- CIM 658: Immersive Storytelling

#### Information Design and Visualization
- JMM 622: Introduction to Infographics and Data Visualization
- JMM 629: Advanced Infographics and Data Visualization
- CIM 643: Front End Fundamentals
- CIM 653: Dynamic Data
- CIM 682: UX Research Methods
- JMM 638: Infographics and Data Visualization Studio

#### Electives
Students will be able to take 12 elective credits (four classes) of their choice under guidance of their advisor.

#### Total Credit Hours
45

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1. Students must complete a minimum of 45 credit hours at the graduate level with an average of B and no grade lower than a C-. Prior written approval is required from both the chair of the interactive media program and the director of graduate studies for transfer credit hours, for course substitutions as well as for taking a course at another university.

2. Students are required to register for a capstone project seminar. To register for this course, students must complete all courses with a standing of 3.0 GPA. The capstone course is designed to help students define and execute their final projects. To graduate, students must complete and present a fully articulated capstone project and related documentation.

3. Students must complete all master's degree requirements within 6 years.

4. Specializations are recommended, but students have the flexibility to design their own specialization.

### Sample Plan of Study

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**First Year**

**Fall**
- **Required Courses:**
  - CIM 601: Prototyping
  - CIM 602: Innovation Design
  - CIM 603: Intro to Creative Coding

- **Specializations**:
  - **Interaction Design Sequence**
    - CIM 612: Human-Computer Interaction
  - **Game Design Sequence**
    - CIM 604: Designing Playful Experiences
  - **Interactive Storytelling**
    - CIM 612: Human-Computer Interaction
  - **Information Design and Visualization**
    - JMM 622: Introduction to Infographics and Data Visualization

**Spring**
- **Required Courses:**
  - CIM 615: Interactive Media Business Essentials

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## Specializations

**Select up to 2 courses:**

### Interaction Design Sequence
- CIM 622: Human Centered Design
- CIM 643: Front End Fundamentals
- CIM 682: UX Research Methods
- JMM 622: Introduction to Infographics and Data Visualization

### Game Design Sequence
- CIM 623: Building Virtual Worlds
- CIM 674: 2D Character Design
- CCA 623: Advanced 3D Character Design

### Interactive Storytelling
- CIM 623: Building Virtual Worlds
- CIM 633: Augmented Reality
- CIM 643: Front End Fundamentals
- CIM 658: Immersive Storytelling

### Information Design and Visualization
- CIM 643: Front End Fundamentals
- CIM 682: UX Research Methods
- JMM 629: Advanced Infographics and Data Visualization

### Electives
**Select up to 2 courses:**

## Second Year

### Fall
**Required Courses:**
- CIM 631: Collaborative Innovation Laboratory

**Specializations**
**Select up to 3 Courses:**

- CIM 622: Introduction to Infographics and Data Visualization

### Game Design Sequence
- CIM 694: Game Development Studio

### Interactive Storytelling
- CIM 658: Immersive Storytelling

### Information Design and Visualization
- CIM 653: Dynamic Data
- JMM 638: Infographics and Data Visualization Studio
- JMM 629: Advanced Infographics and Data Visualization

### Electives
**Select up to 2 courses:**

### Spring
**Required Courses:**
- CIM 701: Capstone 1 - Concept Incubation Studio

**Specializations**
**Select up to 2 courses:**

- CIM 622: Human Centered Design
- CIM 643: Front End Fundamentals
- CIM 682: UX Research Methods

### Game Design Sequence
- CIM 623: Building Virtual Worlds
- CIM 674: 2D Character Design
CCA 623  Advanced 3D Character Design

**Interactive Storytelling**
- CIM 623  Building Virtual Worlds
- CIM 633  Augmented Reality
- CIM 643  Front End Fundamentals
- CIM 658  Immersive Storytelling

**Information Design and Visualization**
- CIM 643  Front End Fundamentals
- CIM 682  UX Research Methods
- JMM 629  Advanced Infographics and Data Visualization

**Electives**
Select up to 2 courses: 3

**Total Credit Hours** 45

**Mission**
The MFA in Interactive Media’s mission is to provide high-quality graduate education for current and prospective professionals in the fields of interaction design, data visualization, and game design. Program activities are designed to explore the strategic role that interactive technologies play in communication and how they are shaping today’s business, culture, and society.

**Goals**
The program strives to achieve local, state, and national prominence through a contemporary hands-on curriculum, practical experience with outside organizations, and applied research designed to develop and enhance creative competence and design thinking skills.

**Student Learning Outcomes**
- Students will demonstrate the ability to design a system, component, or process to meet desired needs within system constraints.
- Students will be able to develop a product following a human-centered design that incorporates user research, innovation, design, and implementation.