

MASTER OF SCIENCE IN INNOVATION THROUGH MEDIA ARTS TECHNOLOGY

Program of Study

Total: 36 units

Foundation Courses: 15 units

CSCI 217	Data Visualization	3 units
CSCI 292	Methods of Research in Computer Science	3 units
IMAT 201	History of Art, Media, and Technology	3 units
IMAT 202	Perspectives on Innovation and the Future	3 units
IMAT 203	Material Improvisation	3 units

Major Courses: 6 units

CSCI 234	Interactive Digital Multimedia Techniques	3 units
IMAT 211	Media Arts Technology in Context	3 units

Electives: 9 units

Students are allowed to take electives related to digital technologies, electronics, human computer interaction, design, and aesthetics, for as long as they can contribute to the conceptualization, construction, and testing of the innovation project. Examples of such electives include but are not limited to the following:

CSCI 235	Special Topics: Games and Game Design	3 units
CSCI 242	Human Computer Interaction	3 units
CSCI 243	Affective Computing	3 units
CSCI 244	User Modeling	3 units
CSCI 260.03	Designing for Mobile Devices	3 units
CSCI 261.03	Introduction to Social Computing	3 units
ENGG 280.11	Projects I	3 units
ENGG 280.12	Projects II	3 units
ENGG 289	Special Topics	3 units

Comprehensive Exams

CSCI 296	Comprehensive Examinations
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Thesis and Oral Defense: 6 units

CSCI 299.1	Thesis I
CSCI 299.2	Thesis II

Publication Requirement

In order to complete the degree program, students of the program are required to have a publication in a refereed journal/peer reviewed proceedings regarding the student's research work as aligned with their thesis.

Tabulated below is the program of study by year and semester for full-time students.

Year 1					
Interession		First Semester		Second Semester	
Course Cat	Units	Course Cat	Units	Course Cat	Units
				IMAT 201	3
				IMAT 202	3
				CSCI 217	3
Total Units		Total Units		Total Units	9

Year 2					
Interession		First Semester		Second Semester	
Course Cat	Units	Course Cat	Units	Course Cat	Units
IMAT 203	3	CSCI 234	3	IMAT 211	3
CSCI 292	3	ELECTIVE	3	ELECTIVE	3
		ELECTIVE	3		
Total Units	6	Total Units	9	Total Units	6

Year 3					
Interession		First Semester		Second Semester	
Course Cat	Units	Course Cat	Units	Course Cat	Units
CSCI 296	0	CSCI 299.1	3	CSCI 299.2	3
Total Units	0	Total Units	3	Total Units	3