IFDM Core Course Descriptions

CS 105L Intro to Computer Programming (3 credits) - Fall
Introduction to the art of computer programming. Students will use a modern integrated Development Environment to author small programs in a high level language. The course uses multimedia approaches to writing small programs and scripts. No prerequisites or co-requisites, but should be taken in second semester of program. (This course is for students electing the BFA IFDM concentration, and for those electing the BA Mass Media Concentration, or the Digital Field Multimedia Concentration in the Communication & Journalism degrees.)

OR the following CS 152L class for Computer Science majors:

CS 152L Computer Programming Fundamentals (3 credits) - Fall
Introduction to the art of computing. The course objectives are to understand the relationships between computation, problem solving, and programming using high-level languages. This course should be taken in second semester of program. (This course is required of students electing the ASM IFDM concentration, and for those electing the CS IFDM distributed minor.)

IFDM 205L Studio I: Activating Digital Space (3 credits) - Fall
This studio course explores critical, technical and creative elements of digital space. By translating the process of seeing and conceptualizing into visual forms, students use technical knowledge to conceptualize, create and collaborate on projects. Prerequisite: CS 105L or CS 152L. (Course only for students admitted into the IFDM Program.)

IFDM 210. Introduction to Modeling and Postproduction (3 credits) - Spring
An introduction to computer graphics and animation that mixes theory and application using a standard animation software package to teach the use of the tool and to demonstrate key concepts. Involves collaborative projects. Prerequisite: IFDM 205. (Course only for students admitted into the IFDM Program.)

IFDM 300. Critical Intermediations (3 credits) - Fall
Examines new media technologies from a Tran disciplinary perspective by exploring how the use of new media is affecting academic practice across disciplines. Proposes the development of a critical analytical framework for approaching new media. Prerequisite: IFDM 210. (Course only for students admitted into the IFDM Program.)

IFDM 310. Studio II: Writing Digital Narrative (3 credits) - Spring
The goal of this course is to offer students an overview of issues on writing for digital media; its objective is to create successful, media-savvy writers, who work across digital platforms. Prerequisite: IFDM 300 (Course only for students admitted into the IFDM Program.)

IFDM 400. Ethics, Science and Technology (3 credits) - Fall
Ethical issues arising from the impact of science and technology on the personal, social and political dimensions of culture or what happens and who takes responsibility when the genie is out of the bottle. Prerequisite: IFDM 310. Corequisite: IFDM 450. (Course only for students admitted into the IFDM Program.)
IFDM 410. The Business and Law of Film and New Media (3 credits) - Spring
This course will introduce students to the business and legal aspects of creating a new digital media venture including: concept formation, marketing, budget development, finding financing, forming a company, hiring and managing employees, and sales. Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas. 
Prerequisite: IFDM 400. Corequisite: IFDM 451. (Course only for students admitted into the IFDM Program.)

IFDM 450. IFDM Capstone I Senior Projects Course (4 credits) - Fall
Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas. 
Prerequisite: 310. Corequisite: 400. (Course only for students admitted into the IFDM Program.)

IFDM 451. IFDM Capstone II Senior Projects Course (4 credits) - Spring
Collaborative teams execute projects and give open demonstration of the results. Prerequisite: IFDM 450. Corequisite: IFDM 410. (Course only for students admitted into the IFDM Program.)

IFDM Core Course Sequence- 29hours
IFDM Core Courses must be taken in this sequence from the time a student is admitted into the degree program.

Fall Semester – 1st Year (in IFDM)                      Spring Semester – 1st Year
CS 105L Introduction to Computer Programming - 3hrs  IFDM 210 Intro to Modeling & Post Production (3hrs)
IFDM 205L- Studio I Activating Digital Space - 3hrs

Fall Semester – 2nd Year                           Spring Semester – 2nd Year
IFDM 300 Critical Intermediation (3hrs)              IFDM 310 Studio II Writing Digital Narratives (3hrs)

Fall Semester – 3rd Year                           Spring Semester – 3rd Year
IFDM 400 Ethics, Science & Technology (3hrs)        IFDM 410 Business & Law of Film & New Media(3hrs)
IFDM 450 Capstone I Senior Projects Course (4hrs)    IFDM 451 Capstone II Senior Projects Course (4hrs)

Please Note: You, the student, must take FULL RESPONSIBILITY for meeting all graduation requirements for your degree.