NEW MEDIA AND DIGITAL DESIGN MAJOR

The major consists of a total of 11 courses with five required courses and six electives. Students declare one of three concentrations: new media and information; art, text and design; new media and commerce, and choose their six electives from their concentration with some flexibility.

As part of the core requirements, all students are required to do at least one internship during the course of their undergraduate careers in order to gain valuable practical experience for future employment. Our unique location in the heart of New York City will allow us to build bridges with the local media industry. In addition, all NMDD students are required to produce a capstone project. These projects are showcased on a curated exhibition website.

CIP Code

09.0702 - Digital Communication and Media/Multimedia.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.

Requirements

The total number of courses required for the major is 11.[1]

Course	Title	Credits
NMDD 1001	Explorations in Digital Design	3
NMDD 3900	Internship Seminar	4
NMDD 4600	Senior Capstone Seminar	4
One of the following classes: [2]		4
NMDD 3150	Creative Coding	
CISC 2350	Information and Web Programming	
CISC 2500	Information and Data Management	
CISC 2530	Digital Video and Multimedia	
CISC 2850	Computer and Data Analysis	
CISC 3300	Internet and Web Programming	
One NMDD Ethics course		3
Four courses from one of the following concentrations:		12
New Media and Information		
Art, Text, and Design		
New Media and Commerce		
Two elective courses [3]		6
Total Credits		**36**

[1] Students may double count a maximum of 2 courses from another major toward their NMDD major.

[2] Students who take more than one of these courses may apply it to the appropriate concentrations as listed below, with the approval of the Program Director.

[3] Any course with the NMDD subject code or the NMDD attribute code may fulfill the elective requirement.

NMDD Ethics courses

Courses in this group have the NMDE attribute.

Course	Title	Credits
CISC 4650	Cyberspace: Issues and Ethics	4
CISC 4660	Minds, Machines, and Society	4
COMC 3370	Ethical Issues in Media	4
COMC 4370	Ethical Controversies in 21st Century Media	4
DTEM 3475	Digital Media and Advocacy	4
DTEM 3500	Resistance and Global Activism	4
DTEM 4418	Critical Making	4
DTEM 4440	Privacy and Surveillance	4
DTEM 4470	Values in Design	4
DTEM 4480	Digital Media and Public Responsibility	4
NMDD 3350	Advocacy Design Lab	4
VART 2424	Art and Action on the Bronx River	4
VART 3030	Art Design and Politics	4
VART 3055	Ecology for Designers	4
VART 3060	Visual Justice: Enacting Change Through Image-Based Storytelling	4

Availability

The major in new media and digital design is available at Fordham College at Rose Hill, Fordham College at Lincoln Center, and Fordham's School of Professional and Continuing Studies at Lincoln Center.

Fordham College at Rose Hill students: *The requirements above are in addition to those of the* Core Curriculum.

Fordham College at Lincoln Center students: *The requirements above are in addition to those of the* Core Curriculum.

Professional and Continuing Studies students: *The requirements above are in addition to those of the* PCS Core Curriculum *and any additional electives that may be required to earn a minimum of 124 credits.*

Concentrations

A concentration is required. Four courses must be taken for the concentration.

Courses for New Media and Information concentration

Courses in this group have the NMMI attribute.

Course	Title	Credits
CISC 2350	Information and Web Programming	4
CISC 2530	Digital Video and Multimedia	4
CISC 2850	Computer and Data Analysis	4
CISC 3020	Computer Graphics	4
CISC 3850	Information Retrieval Systems	4
CISC 4001	Computers and Robots in Film	4
CMBU 3434	Fundamentals of Integrated Marketing Communication	3
CMBU 4471	ST: Business of New Media	3
COMC 3380	International Communication	4
COMC 4340	Freedom of Expression	4
DTEM 1401	Introduction to Digital Technologies and Emerging Media	4

DTEM 2417	Data Visualization	4
DTEM 2421	Digital Production for New Media	4
DTEM 2425	Digital Video Production I for DTEM	4
DTEM 2450	Digital Property: Rights, Policies, and Practice	4
DTEM 2471	Writing for Online Media	4
DTEM 3423	Projects in Digital Video	4
DTEM 3425	Digital Video Production II	4
DTEM 3463	Civic Media	4
DTEM 3475	Digital Media and Advocacy	4
DTEM 3476	Social Media	4
DTEM 4418	Critical Making	4
DTEM 4440	Privacy and Surveillance	4
INSY 4431	Web Analytics	3
JOUR 4713	Audio Reporting and Podcasting	4
MKBU 3434	Fundamentals of Integrated Marketing Communication	3
MKBU 3454	ST: Design Thinking	3
NMDD 3308	Professional Social Media	4
NMDD 3338	Digital Strategy for Cause Marketing	4
NMDD 3350	Advocacy Design Lab	4
NMDD 3450	User Experience Design: Design for Empowerment	4
NMDD 3880	Designing Smart Cities for Social Justice	4
VART 2003	Graphic Design and Digital Tools	4

Courses for Art, Text, and Design concentration

Courses in this group have the NMAT attribute.

Course	Title	Credits
CISC 2530	Digital Video and Multimedia	4
CISC 2540	Introduction to Video Game Design	4
CISC 3020	Computer Graphics	4
CMBU 4471	ST: Business of New Media	3
DTEM 2417	Data Visualization	4
DTEM 2421	Digital Production for New Media	4
DTEM 2452	Game Culture:Theory & Practice	4
DTEM 2453	Introduction to Game Narrative	4
DTEM 3423	Projects in Digital Video	4
DTEM 3452	Game Design Projects	4
DTEM 3476	Social Media	4
DTEM 4418	Critical Making	4
DTEM 4440	Privacy and Surveillance	4
DTEM 4470	Values in Design	4
ENGL 3017	Digital Creative Writing	4
FITV 2612	Writing Producing Web Series	4
MKBU 3454	ST: Design Thinking	3
NMDD 3020	Explorations in Digital Storytelling	4
NMDD 3450	User Experience Design: Design for Empowerment	4
NMDD 3880	Designing Smart Cities for Social Justice	4
VART 1128	Introduction to Digital Photography	4
VART 1135	Visual Thinking	3
VART 1265	Film/Video I	4

VART 1995	Phone to Book	4
VART 2003	Graphic Design and Digital Tools	4
VART 2222	Art of the Interview	4
VART 2265	Film/Video II	4
VART 2400	Web Design & Digital Portfolios	4
VART 2500	Typography and Design	4
VART 2550	Book and Zine Design	4
VART 2600	Type in Motion	4
VART 2650	Design in Motion	4
VART 2700	Logos, Branding, and Presentation	4
VART 2750	Magazine and Editorial design	4
VART 3250	Speculative Design	4
VART 3258	Film/Video Installation	4
VART 3268	Film/Video Animation	4

Courses for New Media and Commerce concentration

Courses in this group have the NMAC attribute.

Course	Title	Credits
CISC 2540	Introduction to Video Game Design	4
CISC 2850	Computer and Data Analysis	4
CISC 3020	Computer Graphics	4
CMBU 3434	Fundamentals of Integrated Marketing Communication	3
CMBU 4413	Digital Media & Promo Comm	3
CMBU 4453	Social Media	3
CMBU 4471	ST: Business of New Media	3
COMC 2112	Strategic Communication: Theory and Practice	4
COMC 3172	Principles of Advertising	4
DTEM 2421	Digital Production for New Media	4
DTEM 2450	Digital Property: Rights, Policies, and Practice	4
DTEM 3475	Digital Media and Advocacy	4
DTEM 3476	Social Media	4
DTEM 4440	Privacy and Surveillance	4
INSY 3442	Web Apps Design and Development	3
INSY 4431	Web Analytics	3
INSY 4432	Mobile Commerce & Apps	3
INSY 4505	E-Commerce	3
LPBU 3226	Exploring Entrepreneurship	3
LPBU 3227	Innovation and Resilience	3
MKBU 3434	Fundamentals of Integrated Marketing Communication	3
MKBU 3454	ST: Design Thinking	3
NMDD 3308	Professional Social Media	4
NMDD 3338	Digital Strategy for Cause Marketing	4
NMDD 3350	Advocacy Design Lab	4
NMDD 3450	User Experience Design: Design for Empowerment	4
NMDD 3880	Designing Smart Cities for Social Justice	4
VART 2003	Graphic Design and Digital Tools	4

| VART 2700 | Logos, Branding, and Presentation | 4 |
| VART 3250 | Speculative Design | 4 |