NEW MEDIA AND DIGITAL DESIGN

Courses

Our Courses

NMDD 1001. Explore New Media and Digital Design. (3 Credits)
This course critically explores notable histories, geographies and practices of digital design. Students will gain an understanding of fundamentals of contemporary design paradigms, internet architecture and governance and the politics of designing media that operates at intimate, local and global scales.

NMDD 3020. Explorations in Digital Storytelling. (4 Credits)
This class explores storytelling in emerging platforms. From the still image and the soundscape, we will evolve to discuss digital filmmaking, game design and interactive web narratives. Integrated workshops in cinematography, sound and video editing, and other storytelling technologies will enable students to create story projects of their own. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attributes: CCMS, COMC, COMM, CVW, NMAT.

NMDD 3150. Creative Coding. (4 Credits)
This course will develop programming skills used in the digital humanities, all in the context of critical and cultural media studies. Students will learn basic coding concepts such as variables, loops, graphics, and analyzing sound data, and will connect them to current debates in the culture of coding. No previous coding experience is required. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attribute: DTEM.

NMDD 3308. Professional Social Media. (4 Credits)
This course explores the landscape of social media in applied, professional contexts. Through case studies across industries, it explores professional social media work and develops knowledge fundamentals for digital professionals, including effective writing for social media, strategies for engagement, community management, and professional measurement and reporting. The goal of this course is to teach you how to “be social,” and to provide you with the social media tools you need to pursue a communications career in the digital age. Please note: Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attributes: CCMS, COMC, COMM, DTEM, JOUR, NMAC, NMAT, NMMI.

NMDD 3338. Digital Strategy for Cause Marketing. (4 Credits)
This course provides a comprehensive overview of the current landscape of digital cause marketing. Students will have a chance to explore the variety of tools, best practices and strategies commonly found in the industry while taking a deep dive into case studies of digital content marketing for social causes in action. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attributes: NMAC, NMMI.

NMDD 3450. User Experience Design: Design for Empowerment. (4 Credits)
This course focuses on how human-centered design and participatory design methods can be used as approaches to empowerment. Students will gain a hands-on experience with conducting user research, synthesizing findings into insights, ideating, sketching, rapid prototyping, and validating concepts with users. Course reading, discussions, and activities will be organized into a user-experience project to help students get out and interact with real users, needs, and challenges.
Attributes: DTEM, NMAC, NMAT, NMMI.

NMDD 3880. Designing Smart Cities. (4 Credits)
“Smart Cities” represents the rapid integration of digital media and communication networks into all modes of urban living and the reorientation of urban economies toward digital industries. This course takes a community-engaged learning approach that combines an introduction to smart urbanism with a collaborative research and design project. Coursework involves partnering with the Lincoln Square Neighborhood Center to conduct a digital needs assessment and design digital interventions that prioritize access, empathy, and participation. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attributes: AMST, CCUS, COMC, COMM, DTEM, DTMH, JOUR, NMAC, NMAT, NMMI, SI, URST.

NMDD 3890. Data Visualization and Representation. (4 Credits)
The word “data” is everywhere these days, mostly in reference to just how much of it we are generating at all times. But once we have this data, how can we create tools that enable us to better understand exactly what it means? This class explores the world of data visualization and representation. We will look at a wide variety of examples, including charts and infographics, interactive and web-based projects, and abstract, sculptural, or more artistic works. Students will examine and evaluate a variety of different forms of information design and they will create their own, using the fundamentals of computer programming. Please note: Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Attribute: DTEM.

NMDD 3900. Internship Seminar. (4 Credits)
Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

NMDD 4600. Senior Capstone Seminar. (4 Credits)
A seminar and hands-on working group for senior capstone projects in the New Media and Digital Design program. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.
Prerequisite: NMDD 1001.

Courses in Other Areas

The following courses offered outside the department have the NMDD attribute and count toward the New Media and Digital Design major and minor:

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CISC 2350</td>
<td>Information and Web Programming</td>
<td>4</td>
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<tr>
<td>CISC 2500</td>
<td>Information and Data Management</td>
<td>4</td>
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<tr>
<td>CISC 2530</td>
<td>Digital Video and Multimedia</td>
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Updated: 06-24-2021
CISC 2540  Introduction to Video Game Design  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
CISC 4650  Cyberspace: Issues and Ethics  4
CISC 4660  Minds, Machines, and Society  4
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
COMC 3350  Media Law  4
COMC 3370  Ethical Issues in Media  4
COMC 3380  International Communication  4
COMC 4340  Freedom of Expression  4
COMC 4370  Ethical Controversies in 21st Century Media  4
DETM 1401  Introduction to Digital Technologies and Emerging Media  4
DETM 2417  Data Visualization  4
DETM 2421  Digital Production for New Media  4
DETM 2425  Digital Video Production I for DTEM  4
DETM 2450  Digital Property, Rights, Policies, and Practice  4
DETM 2452  Game Culture: Theory & Practice  4
DETM 2453  Introduction to Game Narrative  4
DETM 2471  Writing for Online Media  4
DETM 3423  Projects in Digital Video  4
DETM 3425  Digital Video Production II  4
DETM 3463  Civic Media  4
DETM 3476  Social Media  4
DETM 4418  Critical Making  4
DETM 4440  Privacy and Surveillance  4
DETM 4480  Digital Media and Public Responsibility  4
ENGL 3017  Digital Creative Writing  4
FITV 2612  Writing Producing Web Series  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
JOUR 3717  Online Journalism  4
JOUR 4713  Audio Reporting and Podcasting  4
LPBU 3226  Exploring Entrepreneurship  3
LPBU 3227  Innovation and Resilience  3
MKBU 3434  Integrated Marketing Communication  3
MKBU 3439  ST: Branding  3
MKBU 3454  ST: Design Thinking  3
VART 1128  Introduction to Digital Photography  4
VART 1135  Visual Thinking  3
VART 1265  Film/Video I  4
VART 2003  Graphic Design and Digital Tools  4
VART 2265  Film/Video II  4
VART 2400  Fundamentals of Website Design  4
VART 2500  Typography and Design  4
VART 2550  Designing Books, "Zines" and Chapbks  4
VART 2600  Graphic Design Concepts  4
VART 2700  Logos, Branding, and Presentation  4
VART 2800  Seminar Graphic Design  4
VART 3030  Art Design and Politics  4
VART 3250  Mobile User Experience Design  4
VART 3268  Film/Video Animation  4
VART 3333  Art Making in Hell's Kitchen  4