

HUMAN CENTERED DESIGN, MS

Campus: NYC

Human-centered design exists at the intersection of computer science, information systems, cognitive science, and interaction design. That makes it the perfect program for creative students looking to dip into technology, and for tech lovers to learn about design. This brand new degree has been developed to offer the latest in theory, concepts, and best practices in the UX/IX landscape. With this degree, you will equip yourself with the skills and expertise to become a practitioner, researcher, and leader in the next generation of human-computer interfaces.

Code	Title	Credits
Required Foundation Courses		18
IS 638	Introduction to User Experience Design	3
CS 659	Introduction to Human Computer Interaction	3
IS 628	Research Methods for User Experience	3
CS 663	Human Factors and Usability Metrics	3
IS 630	Prototyping and User Experience	3
HCD 691	User Experience (UX) Capstone Project ¹	3
or CS 665	Product Development Project	

¹ Students may choose to take both HCD 691 and CS 665. If a student opts to take both courses, then one of the two will be counted as an elective.

Code	Title	Credits
Development Concentration Electives ²		12
CS 639	Mobile Application Development	3
CS 641	Mobile Web Content and Development	3
IS 612	Introduction to Coding	3
IS 623	Information Systems Design and Development	3
IS 629	Programming User Interfaces	3
IS 680	Data Science I: Introduction to Data Science and Visualization	3
Design and Evaluation Concentration Electives ²		12
IS 617	Information Systems Principles	3
IS 627	Visual Design for Technology	3
IS 676	Foundations of Social and Mobile Technologies	3
IS 679	Cognitive Science and Technology	3
IS 685	Ethical Issues in Artificial Intelligence	3
IS 687	Social and Collaborative Computing	3
IS 689	Human-AI Interaction	3
IS 690E	Topic: Information Architecture	3
IS 690J	Topics: Virtual and Immersive Experience Design	3

² Students may take electives from both concentrations and are not required to choose one concentration over another.

Code	Title	Credits
Total Program Credits		30