URBAN DESIGN

The Master of Urban Design (M.U.D.) is an initial, interdisciplinary program of study that focuses on contemporary challenges of urbanism at local, regional and global scales. Courses are taught by faculty from Architecture, Community and Regional Planning, and Landscape Architecture; with an understanding that urban environments should be engaged through an integrated design process that includes ecological, social, material, economic, and urban policy factors.

The urban design degree reflects a deep commitment to resilient urban environments within the context of an increasingly concentrated, connected and, diverse urban world. Accordingly, the coursework engages emerging urbanization topics including:

- The formation of more adaptable, flexible and resilient cities;
- the exponential growth of megacities and steady decline of investments in traditional urban economies in the twenty-first century;
- The transformation of Industrial landscapes, particularly within the Midwestern context, and the global impact of transnational economic operations.
- the spatialization of informal economies, practices, and services across the south-north global divide;
- and, a reexamination of the potentials of hard and soft infrastructures, principles of the circular economy and a reframing of the urban-rural divide.

The program consists of 30 credits, typically distributed over three semesters (fall, spring and summer), however, students may choose to distribute these credits over four or five semesters. The degree is geared toward students with professional degrees in architecture (BArch, MArch), landscape architecture (BLA, MLA) or planning (BSCRP, MCRP, MUP). Graduate students can also pursue the following double degrees in the College of Design: M Arch/MUD, MCRP/MUD and MLA/MUD.

Requirements:

URB D 501	Urban Design Local Studio	6
URB D 502	Urban Design Global Studio	6
History/Theory/Criticism		6
Technology/Methods		12
Total Credits		**30**

List of Courses:

History/Theory/Criticism - 6 credits from the following list

ARCH 527	History, Theory, and Criticism of Chinese Architecture	3
ARCH 528A	Studies in Architecture: Culture	2-3
ARCH 575	Contemporary Urban Design Theory	3
ARCH 597	Seminar on the Built Environment III: Theory	3
ARCH 598	Seminar on the Built Environment IV: Topical Study	3
ART H 501	Issues in Visual and Material Culture Seminar	3
ART H 587	Nineteenth Century Art	3
ART H 588	Modern Art and Theory	3
ART H 592	Art History in Europe	3
ART H 594	Women/Gender in Art	3
ART H 595	Art and Theory Since 1945	3
ART H 596	History of Photography	3
ART H 597	Green Art: Earthworks and Beyond	3
C R P 529	Planning in Developing Countries	3
C R P 561	Planning Theory	3
C R P 563	Planning the American Metropolis	3
L A 578D	Topical Studies in Landscape Architecture: History/Theory/Criticism	2-3
URB D 511	North American Urbanization	3
URB D 521	Foundations of Urban Design	3
URB D 522	Contemporary Urban Design Practices	3
URB D 531	Methods of Urban Design Workshop	3
URB D 533	Urbanism Theory and Methods	3

Technology/Methods - 12 credits from the following list

ARCH 432	Advanced Computer Lighting and Rendering	3
ARCH 434	Advanced Computer-aided Architectural Design	3
ARCH 533	Digital Fabrication	3
ARCH 534	Topics in Computer-aided Architectural Design	3
ARCH 536	Advanced Design Media	3
ARCH 558	Sustainability and Green Architecture	3
ARTGR 573	Multimedia Design	3
ARTGR 578	Graphic Design Advanced Web Design	3
ARTGR 579	Wayfinding Design	3
ARTIS 408	Principles of 3D Animation	3
ARTIS 493C	Workshop: Computer Art and Design	1-3
ARTIS 507	Principles of Character Animation	3
ARTIS 508	Computer Aided Animation and Visualization	3
ARTIS 509	Computer/Video Game Design and Development	3
ARTIS 548	Digital Textile Design	3
ARTIS 556	Relief Printmaking: Digital/Traditional	3-4
ARTIS 557	Intaglio and Monotype Printmaking: Digital / Traditional	3-4
ARTIS 558	Lithography: Digital / Traditional	3
C R P 551	Introduction to Geographic Information Systems	3

C R P 552	Geographic Data Management and Planning Analysis	3
C R P 553	Analytical Planning/GIS	3
C R P 556	GIS Programming and Automation	3
C R P 595	Seminar in GIS Applications/Research	1
DSN S 501	Introduction to Research Design	3
IND D 640	Advanced Digital Technologies	3
L A 558	Web Mapping and Spatial Data Visualization	3
L A 578G	Topical Studies in Landscape Architecture: Graphics	2-3
L A 578K	Landscape Architecture: Computer Applications	2-3
L A 578L	Topical Studies in Landscape Architecture: Ecological Design	2-3
URB D 532	Urban Design Media Workshop	3

First Year

Fall	Credits	Spring	Credits	Summer	Credits
Select from History/ Theory/ Culture List	3	URB D 501	6	URB D 502	6
Select from Technology/ Methods List	3	Select from Technology/ Methods List	3		
Select from Technology/ Methods List	3	Select From History/ Theory/ Culture	3		
Select from Technology/ Methods List	3				
	12		**12**		**6**