

# U D - Urban Design

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## Urban Design: U D Lower-Division Courses Upper-Division Courses Graduate Courses

### U D 380C. Topics in Visual Communication and Representation.

Four-and-one-half laboratory hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: Diagramming the City.**

**Topic 2: Reality Capture for Architecture.** Only one of the following may be counted: Architecture 380C (Topic: Reality Capture for Arch), 380C (Topic 2), Urban Design (U D) 380C (Topic 2).

**Topic 3: Rendering and Animation in the Built Environment.**

**Topic 4: Photography and the Urban Landscape.**

**Topic 5: Geographic Information Systems in Planning.**

**Topic 6: Urban Geographic Information Systems.**

### U D 381E. Topics in Landscape and Ecology.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate advisor.

**Topic 1: History and Theories of Landscape Architecture I.**

**Topic 2: History and Theories of Landscape Architecture II.**

**Topic 3: Introduction to Urban Ecology.**

**Topic 4: Latin American Landscapes.**

### U D 382M. Topics in Urban Development and Real Estate.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: Financing Real Estate Development.**

**Topic 2: Real Estate Practicum.**

**Topic 3: Urban Land Institute Workshop.** Only one of the following may be counted: Architecture 386M (Topic 22), Urban Design (UDN) 382M (Topic 1), Urban Design (U D) 382M (Topic 3).

### U D 383M. Topics in Urban Geography.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: The Modern American City.** Urban Design (U D) 383M (Topic 1) and Urban Design (UDN) 383M (Topic 1) may not both be counted.

**Topic 2: The Healthy, Livable City.** Urban Design (U D) 383M (Topic 2) and Urban Design (UDN) 383M (Topic 2) may not both be counted.

**Topic 3: Smart, Green, and Just.** Urban Design (U D) 383M (Topic 3) and Urban Design (UDN) 383M (Topic 3) may not both be counted.

**Topic 4: Sustainable Development.**

### U D 384M. Topics in Urban Housing.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: Housing Practice and Policy in Latin America.** Urban Design (U D) 384M (Topic 1) and Urban Design (UDN) 384M (Topic 1) may not both be counted.

**Topic 2: Urban Housing: Typology and Invention.** Urban Design (U D) 384M (Topic 2) and Urban Design (UDN) 384M (Topic 2) may not both be counted.

**Topic 3: Affordable Housing Planning and Policy.** Only one of the following may be counted: Urban Design (U D) 384M (Topic 3), Urban Design (UDN) 384M (Topic 3), 386M (Topic: Affordable Housing Planning). Additional prerequisite: Consent of the graduate advisor and consent of instructor.

### U D 385M. Topics in Transportation Planning.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: Land Use and Transportation Planning.** Community and Regional Planning 384 (Topic 4) and Urban Design (U D) 385M (Topic 1) may not both be counted.

**Topic 2: Bicycle and Pedestrian Transit Planning.** Only one of the following may be counted: Community and Regional Planning 384 (Topic: Bicycle/Ped Transit Plannng), 384 (Topic 10), Urban Design (U D) 385M (Topic 2).

**Topic 3: Transit-Oriented Development.**

**Topic 4: Transportation Planning and Policy.** Community Regional Planning 384 (Topic 9) and Urban Design (U D) 385M (Topic 4) may not both be counted.

### U D 386M. Topics in Community and Regional Planning.

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate advisor.

**Topic 1: Race and the Built Environment.** Only one of the following may be counted: Community and Regional Planning 387C (Topic: Race and the Built Environment), 387C (Topic 7), Urban Design (U D) 386M (Topic 1), Urban Design (UDN) 386M (Topic 1).

**Topic 2: Design and Informal City.** Urban Design (U D) 386M (Topic 2) and Urban Design (UDN) 386M (Topic 2) may not both be counted.

**Topic 3: Race and Urban Development.**

**Topic 4: Migratory Urbanism.** Only one of the following may be counted: Architecture 386M (Topic: Migratory Urbanism), 388R (Topic 20), Community Regional Planning 385C (Topic 15), 388 (Topic: Migratory Urbanism), Urban Design (U D) 386M (Topic 4), Urban Design (UDN) 383M (Topic 4).

**Topic 5: Nature of Public Spaces.** Urban Design (U D) 386M (Topic 5) and Urban Design (UDN) 383M (Topic 5) may not both be counted.

**Topic 6: Disasters and Resilience: Planning and Response.** Only one of the following may be counted: Community Regional Planning 383 (Topic 4), Urban Design (U D) 386M (Topic 6), Urban Design (UDN) 383M (Topic 6).

**Topic 7: Foundations of Planning Law.** Only one of the following may be counted: Community and Regional Planning 380F (Topic 2), 381 (Topic 2), Urban Design (U D) 386M (Topic 7).

**Topic 8: Readings in International Planning.**

**Topic 9: Smart Cities.**

### U D 387C. Urban Design Independent Research.

Restricted to students pursuing a Master of Science in Urban Design. Three lecture hours a week for one semester. Urban Design (U D) 387C and Urban Design (UDN) 387C may not both be counted. Prerequisite: Graduate standing, consent of the graduate advisor, and the approval of the Urban Design Graduate Committee.

### U D 387D. Urban Design Honors Research.

Restricted to students pursuing a Master of Science in Urban Design. Three lecture hours a week for one semester. Urban Design (U D) 387D

and Urban Design (UDN) 387D may not both be counted. Prerequisite: Graduate standing and consent of the graduate advisor.

### **U D 388. Urban Design History, Theory, and Criticism.**

Examine critical theories and practices that affect the built environment. Three lecture hours a week for one semester. Only one of the following may be counted: Architecture 391C, Urban Design (U D) 388, Urban Design (UDN) 388K. Prerequisite: Graduate standing and consent of the graduate advisor.

### **U D 388K. Post-Professional Seminar Readings.**

Three lecture hours a week for one semester. Prerequisite: Graduate standing and consent of the graduate advisor.

### **U D 388R. Topics in Urban Design History and Theory.**

For each semester hour of credit earned, the equivalent of one lecture hour a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

**Topic 1: Futures and Cities.** Only one of the following may be counted: Architecture 386M (Topic 29), Landscape Architecture 388 (Topic 2), Urban Design (U D) 388R (Topic 1), Urban Design (UDN) 388R (Topic 1).

**Topic 2: Design of New Communities.** Only one of the following may be counted: Architecture 386M (Topic 7), Urban Design (U D) 388R (Topic 2), Urban Design (UDN) 388R (Topic 2).

**Topic 3: Mexican Architecture and Urbanism.** Only one of the following may be counted: Architecture 395C, Urban Design (U D) 388R (Topic 3), Urban Design (UDN) 388R (Topic: Mex Arch: Pre-Columb-Contemp).

**Topic 4: Architecture Computation.** Architecture 386M (Topic 31) and Urban Design (U D) 388R (Topic 4) may not both be counted.

### **U D 389R. Topics in Historic Preservation.**

Three lecture hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing.

**Topic 1: History of American City Building.** Only one of the following may be counted: Architecture 388R (Topic: Hist of Amer City Building), 388R (Topic 27), Community and Regional Planning 389C (Topic: Hist of Amer City-Building), 392C (Topic: Hist of Amer City-Building), 392C (Topic 1), Urban Design (U D) 389R (Topic 1), Urban Design (UDN) 389R (Topic: Hist of Amer City Building), 389R (Topic 1).

### **U D 690. Urban Design Planning Project.**

Restricted to students in the Master of Science in Community and Regional Planning and Master of Science in Urban Design dual degree program. Complete the terminal research project in urban design. The equivalent of three lecture hours a week for two semesters. Only one of the following may be counted: Architecture 690J, Urban Design (U D) 690, Urban Design (UDN) 690. Prerequisite: Graduate standing and consent of the graduate advisor.

### **U D 696. Topics in Urban Design Studio.**

Restricted to students pursuing the Master of Science in Urban Design. The equivalent of ten laboratory hours a week for one semester. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate advisor.

### **U D 696C. Urban Design Options Studio.**

Restricted to students pursuing a Master of Science in Urban Design. The equivalent of ten laboratory hours a week for one semester. Urban Design (U D) 696C and Urban Design (UDN) 696C may not both be

counted. Prerequisite: Graduate standing, Urban Design 696 with a grade of at least C, and consent of the graduate advisor.

### **U D 696D. Urban Design Terminal Studio.**

Restricted to students pursuing a Master of Science in Urban Design. The equivalent of ten laboratory hours a week for one semester. Urban Design (U D) 696D and Urban Design (UDN) 696D may not both be counted. Prerequisite: Graduate standing, Urban Design 696C with a grade of at least C, and consent of the graduate advisor.

### **U D 696E. Urban Design Honors Project.**

Restricted to students pursuing a Master of Science in Urban Design. The equivalent of twelve laboratory hours a week for one semester. Urban Design (U D) 696E and Urban Design (UDN) 696E may not both be counted. Prerequisite: Graduate standing, Urban Design 387D with a grade of at least C, consent of the graduate advisor, and approval of the Urban Design Graduate Studies Committee.

### **U D 698. Thesis.**

The equivalent of three lecture hours a week for two semesters. Urban Design (U D) 698 and Urban Design (UDN) 698 may not both be counted. Prerequisite: For 698A, graduate standing and consent of the graduate advisor; for 698B, Urban Design 698A.

## **Professional Courses**