



### MASTER OF URBAN DESIGN in SUSTAINABLE URBANISM

The Master of Urban Design [mUD] in Sustainable Urbanism is a post-baccalaureate Urban Design degree program within the College of Architecture and Design (CoAD). The mUD is a 32 Credit Hours Masters Degree which builds on existing courses, can be completed in three (3) semesters, welcomes students with diverse undergraduate degrees and backgrounds, and features a pedagogical and research emphasis that builds upon the University's commitment to its urban and suburban context. The mUD is designed to develop a body of knowledge, skills, and experience in Urban Design with a focus on sustainable urbanism - a balanced and holistic systems approach to design and policy initiatives that addresses the complex environmental, economic, and social forces that effect global City + Regional form.

#### Master of Urban Design (mUD) Curriculum: Progression Flowchart

| Term                 | summer   | fall                                      | spring                                  |          |
|----------------------|--|---|---|----------|
| <b>Courses</b>       |  |   |   |          |
| <b>Design studio</b> |  | ARC5714<br>Urban Studio I                 | ARC5724<br>Urban Studio II              | 8<br>CH  |
| <b>or</b>            |  | or  | or                                      |          |
| <b>Thesis</b>        |  | ARC5614<br>Thesis I                       | ARC5624<br>Thesis II                    |          |
| <b>Theory</b>        | ARC5682<br>History of Urban Form               | ARC5912<br>Principles and Practices of UD | ARC5782<br>Urban Theory                 | 12<br>CH |
|                      | ARC5743<br>Current Issues in UD                | ARC5693<br>Sustainable Urbanism           |   |          |
| <b>Practice</b>      | ARC5012<br>Research Methods                    | ARC5422<br>Environmental Issues           | ARC5772<br>Case Studies in UD           | 12<br>CH |
|                      |  | ARC5742<br>Urban Design Methods           | ARC5762<br>UD Policy and Implementation |          |
|                      |  |   | ARC5752<br>Quantitative Methods in UD   |          |
|                      | 7<br>CH  | 13<br>CH                                  | 12<br>CH                                | 32<br>CH |
|                      | Existing M.Arch courses                        |   |   |          |
|                      | Existing Urban Design (UD) Certificate courses |   |   |          |
|                      | New courses                                    |   |   |          |

## Master of Urban Design – Post Baccalaureate Degree

Total Credit Hours: 32.00

### SUMMER SEMESTER (introduction: focus on history, current issues, and basic methods):

7 credits

\*ARC 5682 History of Urban Form

\*ARC 5743 Current Issues in Urban Design

#ARC 5012 Research Methods

### FALL SEMESTER (development: focus on studio or thesis and practice in the context of sustainability): 13 credits

+ARC 5742 Urban Design Methods

#ARC 5714 Urban Studio 1 (sustainable focus) or ARC 5614 Thesis 1

\*ARC 5912 Principles and Practices of Urban Design

√#ARC 5422 Environmental Issues (or equivalent course from other colleges)

√\*ARC 5693 Sustainable Urbanism (3 credits)

### SPRING SEMESTER (critical exploration: focus on studio (or thesis) and advanced urban issues): 12 credits

#ARC 5724 Urban Studio 2 (sustainable focus) or ARC 6524 Thesis 2

+ARC 5772 Case Studies in Urban Design

+ARC 5782 Urban Theory

+ARC 5762 Urban Design Policy and Implementation

√+ARC 5752 Quantitative Methods in Urban Design (e.g., GIS, Space Syntax, etc.)

### Keys:

# Existing M. Arch. Urban Design Concentration Courses (4)

\* New Courses for the mUD (4)

+ Urban Design Certificate Courses (5)

[√ Potential electives (3)]

The course designations follow current College of Architecture and Design standards, with the prefix of ARC designating that the mUD courses are housed within the architecture department at the College of Architecture and Design. The last four digits in the course number represent the level of the class (i.e. 5000 level classes would have graduate content). The last digit in the number sequence specifies the earned credits upon completion of a course.

### New Required Courses for mUD Degree Program

1. ARC 5682 – HISTORY OF URBAN FORM
2. ARC 5743 – CURRENT ISSUES IN URBAN DESIGN
3. ARC 5912 – PRINCIPLES AND PRACTICES OF URBAN DESIGN
4. ARC 5693 – SUSTAINABLE URBANISM