# MUD
Master of Urban Design – Class of 2020

## 1 Fall 1st Year (45 units)

### Optional:
- Digital Skills Workshops (August)

### Studio:
- UD Studio 1 | Urban Places (18)

### Coursework:
- (27 units)
  - Urban Design Media: Intro (6)
  - History of Urban Design (9)
  - Graduate Seminar 1 | The Practice of Urban Design (3)
  - Urban Design Methods & Theory (9)

### Electives:
- (6 units)

## 2 Spring 1st Year (45 units)

### Studio:
- UD Studio 2 | Urban Systems (18)

### Coursework:
- (21 units)
  - Urban Design Media: GIS (9)
  - Urban Ecology (9)
  - Graduate Seminar 2 | Issues of Global Urbanization (3)

### Electives:
- (6 units)

## 3 Fall 2nd Year (45 units)

### Studio:
- UD Studio 3 (18)

### Coursework:
- (18 units)
  - Urban Design Media: Data Analytics (9)
  - Real Estate Design & Development (9)

### Electives:
- (9 units)

## 4 Spring 2nd Year (45 units)

### Studio:
- UD Studio 4 (18)

### Coursework:
- (12 units)
  - Urban Design Media: Emerging Media (9)
  - Graduate Seminar 3 | ULI Competition (3)

### Electives:
- (15 units)

## Program Description:
The Master of Urban Design (MUD) post-professional, two-year degree program prepares graduates for careers using urban design to critically address environmental, economic, social, & cultural issues affecting contemporary urbanization. The studio-based curriculum allows students to explore design strategies in a variety of scales and settings, from the post-industrial city to the suburban periphery to the dense global metropolis.

The studio sequence is supported by small-group seminars and workshops to develop the skill sets necessary for an urban designer in the twenty-first century. Students graduate with a firm grasp of the history, theory & practice that has established urban design as a discipline, as well as skills in cutting-edge media & design methods.

Students take required and elective courses in the School of Architecture and elective courses in graduate programs at the six other colleges within the university.

The program is currently STEM-eligible being classified with CIP code 30.3301.

SoA’s MUD program is both venerable and innovative, shaped by these and other distinctive conditions:
- **A strong legacy of participatory urban design.**
  
  Beginning in 1964, SoA pioneered the Urban Laboratory concept, wherein students and faculty work in the field and engage with citizens on neighborhood revitalization projects.
- **Location in a transformed post-industrial city.**
  
  Pittsburgh, perhaps the quintessential post-industrial city, has transformed itself since 1985 from a declining economy based on heavy industry to a robust and diverse economy based on technology.
- **Active participation in the technological ethos of Carnegie Mellon.**
  
  Benefitting from Carnegie Mellon’s unique research culture in emerging media and advanced technologies, the Master of Urban Design program redefines socially engaged practice in the 21st century.

## Program Requirements:
In addition to the standard requirements for all graduate students in the School of Architecture, students in the MUD program must satisfy the following:
- Complete a minimum of 180 units of course work with a minimum residency of four (4) academic semesters at full-time status (36 units). The typical semester course load is 45 units.
- Core course substitutions are allowed only with the consent of the Track Chair.