

## **URBAN DESIGN AND MOBILITY CERTIFICATE**

Students interested in gaining a deeper understanding of topics at the intersection of urban design, transportation, and mobility can pursue the **Luskin Urban Design and Mobility Certificate**. To complete this certificate, students need to take 5.5 courses (22 units) in DD and 5 courses (20 units) in TPP, as follows.

### **Urbanization Course (required):**

UP250 Transportation, Land Use and Urban Form

### **Graphic skills courses (required only for students without design background; students who have a design background can instead take one additional elective DD course)**

UP228 Visual Communications (5-weeks/2 units)

UP218B Advance Visual Communication

### **Studios (at least one required)**

UP252 Transportation and Design Studio (required)

UP260B Green Urban Studio

UP273 Site Planning

## **Courses**

### Transportation Courses

At least two from the following:

UP253 Travel Behavior Analysis

UP254 Bicycle and Pedestrian Planning

UP 255 Shared Mobility Policy and Planning

UP M206B Advanced GIS

At least one from the following:

UP256 Transportation Economics

UP257 Transportation and Economic outcomes

UP258 Transportation and Environmental issues

### Design Courses

UP274 Introduction to Physical Planning (required)

At least two of the following:

UP 279: Seminar on Public Space

UP282: Urban Design: Theories, Paradigms, Applications

UP219-1: Designing Urban Climate Change Adaptation

UP243: Urban Future: Space, Ecology, Society

UP285: Built Environment and Health

## **Capstone**

Ideally, students taking the certificate would select an applied capstone or thesis option that relates to design for mobility and has a faculty member either from TPP or DD as supervisor.

DD Courses: 5.5 (minimum): TPP Courses: 5 (minimum)