

## Master in Urban Planning Project-Based Courses 2021-2022

The following courses have been pre-approved to fulfill the Project-based Course requirement for urban planning degree candidates. MUP students must fulfill a minimum of 8-units through intensive, project-based learning experiences. These can take the form of an option studio (8-units), an independent thesis (8-units plus a 4-unit thesis prep course. GSD 9204), or a total of 8-units in approved project-based classes or independent studies under faculty supervision (e.g. in a research lab).

A project-based course has a substantial amount of the assignment load (40% or more) comprising an applied, real-world, project for an external client; the only exception is a project conducted under close faculty supervision in a research lab. **Approval for courses not listed below must be part of registration process and not *ex post facto*. Note that you can petition to have an independent study count as a project-based course if it has a client.**

### FALL 2021

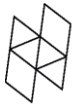
| SCHOOL | COURSE # | COURSE TITLE  | UNITS | FACULTY              |
|--------|----------|---|-------|----------------------|
| GSD    | 5212     | Field Studies in Real Estate ( <i>various locations, multiple courses</i> )                                   | 4     | Peiser               |
| GSD    | 5436     | The Theory and Practice of Sustainable Urban Development: SDG #11 and Beyond                                  | 4     | Davis                |
| FAS    | GOV 1008 | Introduction to Geographic Information Systems  | 4     | Kelly                |
| HKS    | MLD 601  | Operations Management   | 4     | Fagan                |
| HKS    | DPI 325  | Urban Politics Field Lab: Political Representation and Accountability   | 4     | D Benedictis-Kessner |
| MIT    | 11.236   | Participatory Action Research (PAR) 1 ( <b><i>Must complete PAR 2 in the Spring to qualify</i></b> )          | 4     | Arcaya               |
| MIT    | 11.274   | Cybersecurity Clinic*   | 4     | Suskind              |
| MIT    | 11.360   | Community Growth and Land Use Planning*   | 4     | TBA                  |
| MIT    | 15.379   | Mobility Ventures: Driving Innovation in Transportation Systems (if client projects make up 40% of the grade) | 4     | Zhao                 |
| MIT    | 11.472   | D-Lab: Development  | 4     | Hsu                  |

\*Requires instructor permission.

### SPRING 2022

*\*NOTE: This list is subject to change pending the release of and updates to Spring 2022 course offerings—some of those listed as no longer offered may just not have been listed yet.*

| SCHOOL | COURSE # | COURSE TITLE   | UNITS | FACULTY         |
|--------|----------|--|-------|-----------------|
| GSD    | 5381     | Urban Design and the Color-Line  | 4     | Gray            |
| GSD    | 5490     | Affordable and Mixed-Income Housing Development, Finance, and Management ( <b><i>Must participate in the Affordable Housing Development Competition to qualify</i></b> ) | 4     | Marchant        |
| GSD    | 5393     | Local Government Solutions to America's Affordable Rental Housing Challenge  | 4     | Stockard, Heckt |
| FAS    | GOV 1009 | Advanced Geographic Information Systems Workshop   | 4     | Kelly           |
| HKS    | MLD 103M | PDIA in Action: Development Through Facilitated Emergence (Fall 1)   | 2     | Andrews         |



|         |         |   |   |            |
|---------|---------|---|---|------------|
| HKS     | MLD 375 | Creating Justice in Real Time: Vision, Strategies and Campaigns**                             | 4 | Brooks     |
| HKS     | MLD 412 | Greater Boston Applied Field Lab: Advanced Budgeting, Financial Management, and Operations*** | 4 | Bilmes     |
| HKS/GSD | DEV 502 | Native Americans in the 21st Century: Nation Building II*                                     | 4 | Henson     |
| MIT     | 11.237  | Participatory Action Research (PAR) 2   | 4 | Cunningham |

\*Requires instructor permission.

\*\* The course size is limited to 30 students, with a few slots reserved for non-HKS students. This is an application based course. Interested students should fill out the google form at this link: <https://forms.gle/ygVbANxshxh9v1e3A>

\*\*\* Prerequisite: MLD 411M Introduction to Budgeting and Financial Management (Fall 2)

### Pre-approved courses, but not offered in 2021-2022:

| SCHOOL | COURSE # | COURSE TITLE  | UNITS | FACULTY                                 |
|--------|----------|---|-------|---|
| GSD    | 5330     | Healthy Places: COVID-19 and Cities (project track only)  | 4     | Forsyth                                 |
| GSD    | 5486     | Gentrification Debates: Perceptions and Realities of Neighborhood Change ( <b>approved for AY20-21 only</b> )   | 4     | Griffin                                 |
| GSD    | 5384     | Action Research for Open Public Realms  | 4     | Song                                    |
| GSD    | 5385     | CoDesign Field Lab: Program Evaluation for Change Leadership  | 4     | Song                                    |
| HLS    | 2813     | City Use of Technology  | 4     | Crawford                                |
| HLS    | 2921     | Climate Solutions Living Lab ( <b>Must send statement of interest and CV to <a href="mailto:wjacobs@law.harvard.edu">wjacobs@law.harvard.edu</a> no later than 10/15/20</b> )   | 4     | Jacobs                                  |
| HLS    | 2194     | Dispute Systems Design Clinical Seminar ( <b>required classroom component for students doing work through the Dispute Systems Design Clinic during the spring of 2021; enrollment in this clinical seminar is bundled</b> ) | 2     | Viscomi                                 |
| MIT    | 11.320   | Digital City Design Workshop ( <b>approved for 2020-2021 only</b> )   | 4     | Ratti                                   |
| MIT    | 11.437   | Financing Economic Development ( <b>Subject to annual approval by the program director for that year's project</b> )  | 4     | Seidman                                 |
| MIT    | 11.454   | Big Data, Visualization, And Society (approved for 2020-2021 AY Only)   | 4     | Williams                                |
| IT     | 11.482J  | Regional Socioeconomic Impact Analyses and Modeling*  |       | TBA                                     |
| MIT    | 11.S946  | Exploring Sustainability at Different Scales  |       | Newman,<br>Gutowski                     |
| MIT    | 11.521   | Spatial Database Management and Advanced Geographic Information Systems   | 4     | Ferreira                                |
| MIT    | 11.524   | Advanced Geographic Information System Project  | 4     | Huntley                                 |
| MIT    | 11.651J  | USA Lab: Bridging the American Divides  | 4     | McDowell,<br>Dyer,<br>Hafrey,<br>Kochan |