

## MASTER OF SCIENCE IN TECHNOLOGY AND POLICY

Institute for Data, Systems, and Society (<http://catalog.mit.edu/schools/mit-schwarzman-college-computing/data-systems-society/#master-technology-policy>)

The Master of Science in Technology and Policy, designed to be completed in two years, requires 84–90 units of coursework plus a master's thesis that builds on the student's concentration.

### Core Subjects

|                                     |  |    |
|-------------------------------------|--|----|
| IDS.411                             | Concepts and Research in Technology and Policy                   | 9  |
| <i>Select one of the following:</i> |  | 12 |
| 6.7900                              | Machine Learning   |    |
| 14.381                              | Estimation and Inference for Linear Causal and Structural Models |    |
| 17.800                              | Quantitative Research Methods I: Regression                      |    |
| IDS.131[[]]                         | Statistics, Computation and Applications                         |    |

Students who elect to take an optional internship between the first and second academic year typically must register for IDS.449, particularly if internship funding has been secured from TPP or if the internship is part of curricular practical training.

### Framework Subjects

|  |  |      |
|--|--|------|
| 15.011   | Economic Analysis for Business Decisions | 9-12 |
| or 14.003  | Microeconomic Theory and Public Policy   |      |
| IDS.412[[]]  | Science, Technology, and Public Policy   | 12   |
| One Restricted elective in Law, Social Science, or Statistics <sup>1</sup> |  | 9-12 |

### Engineering Systems Concentration

Select three graduate subjects that form a coherent sequence in technology and policy/social sciences. Concentration requires approval from both the research supervisor and TPP administration. <sup>2</sup>

### Thesis Requirement

Students must complete a research-based thesis on a topic of their choice that has been approved by the thesis supervisor.

|         |                 |    |
|---------|-----------------|----|
| IDS.THG | Graduate Thesis | 24 |
|---------|-----------------|----|

**Total Units** **105-111**

<sup>1</sup> A list of candidate subjects is maintained by the program.

<sup>2</sup> TPP academic advisors may suggest subjects, depending on a student's background, research interests, and academic goals.