

EPP Certificate Requirements

*Please register your interest to take the certificate with the Janelle Knox-Hayes (jankh@mit.edu) and Ellen Rushman (erushman@mit.edu) within your first three semesters at MIT

Requirements

- **11.601 Introduction to Environmental Policy and Planning (Susskind)**
- **An environment related practicum**
- **1 class from each of five categories**

Science, Health and Political Decision-making

- 11.356 Healthy Cities: Assessing Health Impacts of Policies and Plans (Arcaya)
- 11.368 Environmental Justice: Law and Policy (Steil)
- 11.373 Science, Politics and Environmental Policy (Knox-Hayes and Solomon)
- 11.387 Environmental Finance and Political Economy (Knox-Hayes)
- 11.630 Environmental Law, Policy, and Economics: Pollution Prevention and Control (Ashford and Caldart)
- 11.631[J] Regulation of Chemicals, Radiation, and Biotechnology (Ashford and Caldart)
- 11.s945 Cities and Climate Change: Mitigation and Adaptation (Knox-Hayes)

Land Use, Growth Management and Environmental Restoration

- 11.334[J] Advanced Seminar in Landscape and Urbanism (Berger)
- 11.360 Community Growth and Land Use Planning
- 11.367 The Law and Politics of Land Use
- 11.376 Urban Sustainability in Action
- 11.526[J] Comparative Land Use and Transportation Planning (Zegras)
- 11.543[J] Transportation Policy, the Environment, and Livable Communities (Coughlin)
- 4.270 Innovation for Disaster Relief and Preparedness (Mazereeuw)
- GSD Land Use Planning Law (Jerold Kayden)

Ecology and Landscape

- 11.308J / 4.213J Ecological Urbanism Seminar (Spirn)
- 11.378J 11.378[J] Water Planning, Policy, and Design
- 11.382 Water Diplomacy: The Science, Policy, and Politics of Managing Shared Resources (Susskind)
- 11.S939 Urban Ecology and Climate Change (Tredici)
- 1.72, 1.73, 1.75 and 1.814J (Sequence on hydrology and limnology, open to non CEE students)

Facility Siting, Infrastructure and Sustainable Development

- 11.269 Global Climate Policy and Sustainability (Knox-Hayes)
- 11.304[J] Site and Environmental Systems Planning (Ocampo)
- 11.315[J] Disaster Resilient Design (Wescoast)

EPP Certificate Requirements

- 11.344[J] Innovative Project Delivery in the Public and Private Sectors
- 11.380 Urban Climate Adaptation
- 11.381 Infrastructure Systems in Theory and Practice (Hsu)
- 11.474 D-Lab: Water, Sanitation and Hygiene
- 11.475 Navigating Power in Water and Sanitation Planning (Carolini)
- 11.477J Urban Energy Systems and Policy (Hsu)
- 11.478 Behavior and Policy: Connections in Transportation (Zhao)

Methods of Environmental Planning and Analysis

- 11.234 Making Sense: Qualitative Methods for Designers and Planners (Cunningham)
- 11.236/7 Participatory Action Research (PAR) 1/2. (Cunningham)
- 11.255 Negotiation and Dispute Resolution in the Public Sector (Susskind)
- 11.312 Engaging Community: Models and Methods for Strengthening Democracy (McDowell)
- 11.315[J] Disaster Resilient Design (Wescoat)
- 11.318 Sensable Cities (Ratti)
- 11.520 Workshop on Geographic Information Systems (Williams)
- 11.523 Fundamentals of Spatial Database Management
- 11.S940/11.S197 Economic Analysis of Urban Development and Environmental Sustainability (Zheng)
- 11.S944 Applied Urban Analytics (Sevtsuk)
- MITX-Socially-Responsible Real Estate Development (Susskind)