



Master in Urban Planning Environmental Planning Concentration 2020-2021

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Environmental planning is a broad field encompassing a range of professional activities employing a variety of skills. Practitioners may work in the government, non-profit or business sector on watershed planning, the design of ecological infrastructure, industrial ecology, community organizing, workforce development, coastal planning and hazards mitigation; spatial analysis, environmental risk assessment, energy policy and planning, pedestrian and transit-oriented development, on developing urban food systems and open space preservation, preparing environmental impact statements, etc.

The frameworks that tie this wide-ranging work together include sustainable development, and its notion of achieving the “triple bottom-line” in planning activities by reconciling conflicts between economic development, social equity, and ecological protection and restoration. The idea of resilience, or the capacity to manage change, is also key in this specialization.

The breadth of environmental courses available at the GSD and Harvard generally reflect the multiple dimensions of sustainability in the context of planning practice and research. The Harvard University Center for the Environment (HUCE) has prepared an excellent overview, the [Environmental Course Guide](#). Please note that courses may require permission of the instructor wherever they are offered.

Please note that course offerings often change. New courses may be offered while some of these pre-approved courses may not be offered each year. This memo is subject to change depending on the availability of courses. Courses not listed on this memo may be approved with the permission of one of the Concentration Advisors.

Pre-approved courses include:

FALL 2020

GSD	3348	The Idea of the Environment	Spinak
GSD	5206	Land Use and Environmental Law*	Kayden
GSD	5330	Healthy Places: COVID-19 and Cities	Forsyth
GSD	5395	Planning for Climate Change	Kayden
GSD	6241	Ecologies, Techniques, Technologies III: Introduction to Ecology**	Moreno Mateos
GSD	6244	Climate by Design	Desimini, Moreno Mateos, Schwartz, Wettstein
GSD	6482	Confronting Climate Change: A Foundation in Science,	Schrag



		Technology and Policy	
HKS	API-905Y	Seminar in Environmental Economics and Policy	Stavins
HKS	IGA-411	The Energy-Climate Challenge	Lee, Holdren
HKS	IGA-671M	Policies and Social Innovations for the Changing Arctic	Logadottir
HLS	2074	Environmental Law	Lazarus
HLS	2193	Natural Resources Law	Anderson
HSPH	GHP 272	Foundations of Global Health and Population**	Bloom
HSPH	EH 249	Built Environment, Nature and Health	James
HSPH	ID 539	Built Environment, Human Energy Expenditure, and Public Health	Lusk
MIT	11.373	Science, Politics and Environmental Policy	Hayes, Solomon
MIT	11.387	Environmental Finance and Political Economy	Knox-Hayes
MIT	11.466J	Technology, Globalization and Sustainable Development	Ashford
MIT	11.477J	Urban Energy Systems and Policy	Hsu
MIT	11.601	Introduction to Environmental Policy & Planning	Susskind
MIT	11.S945	Exploring Sustainability at Different Scales	Newman, Gutowski

**Only if not taken to satisfy Law and Institutions Methods Requirement*

***Requires permission of instructor*

SPRING 2021

***NOTE: This list is subject to change pending the release of and updates to Spring 2021 course offerings.**

GSD	5370	Environment, Economics, and Enterprise	Samuelson, Apeseche
GSD	5409	Climate Justice	Spinak
HKS	API-135	Economics of Climate Change and Environmental Policy	Stavins
HKS	API-165	Energy and Environmental Economics and Policy	Aldy
HKS	IGA-455	Environmental Politics: Building Power Through Leadership, Persuasion and Negotiation	Wentworth
HLS	2123	International Environmental Law **	Salzman
HLS	2921	Climate Solutions Living Lab**	Jacobs
HLS	8008	Environmental Law and Policy Clinic**	Jacobs
HSPH	EH 212	Food and the Global Environment	Adamkiewicz
HSPH	EH 252	High Performance Buildings for Health, Comfort and Sustainability	Allen
HSPH	EH 257	Water Pollution	Levin
HSPH	EH 278	Human Health and Global Environmental Change	Bernstein
HSPH	EH 297	Atmospheric Environment	Koutrakis
MIT	11.204J	People and the Planet: Environmental Histories and Engineering	Knox-Hayes
MIT	11.269	Global Climate Policy and Sustainability	Knox-Hayes
MIT	11.304J	Site and Environmental Systems Planning	Ocampo
MIT	11.308J	Ecological Urbanism Seminar	Spirn
MIT	11.376	Urban Sustainability in Action	Layzer
MIT	11.413	The Economic Approach to Cities and Environmental Sustainability	Zheng
MIT	11.475	Navigating Power and Politics in Water and Sanitation Planning	Carolini



MIT	11.533	Ecological Planning with GIS	TBA
MIT	11.630J	Environmental Law, Policy, and Economics: Pollution Prevention and Control	Ashford
MIT	11.631	Regulation of Chemicals, Radiation, and Biotechnology	TBA

*** Requires permission of instructor*

Pre-approved, but not offered in 2020-2021:

GSD	5371	Critical Perspectives in Environmental Planning	Spinak
GSD	5372	Planning for Climate Change: Scarcity, Abundance and the Idea of the Future	Spinak
GSD	5469	Environmental Planning & Sustainable Development	Forman
GSD	6323	Brownfields: Remediation and Regeneration Practices	Kirkwood
GSD	6333	Water, Aquatic Ecology and Land-Water Linkages	Nelson, Dekker
GSD	6337	Changing Natural and Built Coastal Environments	Apfelbaum, Parsons
GSD	6351	Urban Restoration Ecology	Handel
HKS	DPI-345	Green Politics and Public Policy in a Global Age	Rouyer
HKS	IGA-422	Global Food Politics and Policy	Paarlberg
HKS	IGA-451M	Controversies in Climate, Energy and the Media	Russell
HKS	IGA-457	International Climate Change Policy	Stowe
HLS	2294	Climate Change, Displacement and the Law	McAdam
HLS	2417	Advanced Environmental Law in Theory and Application	Lazarus
HLS	2662	Environmental Law in and After the Trump Administration	Lazarus
HLS	2717	Contemporary Issues in Oil and Gas Law: Fracking, Takings, Pipelines and Regulation	Konschnik
HLS	2931	Powering the US Grid	Peskoe
HSPH	EH 285	Industrial Ecology and Life Cycle Assessment	TBD
MIT	11.148	Environmental Justice: Law and Policy	Steil
MIT	11.371J	Sustainable Energy	Golay
MIT	11.S939	Resilient Code: Mexico City A Proactive Toolkit to Foster Equitable Resilience	Bello Gomez
MIT	11.S945	Urban Ecology: Plants, People, and Climate Change	Del Tredici