

Environmental & Sustainability Studies (BHA Concentration)

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BHA Environmental & Sustainability Studies **Concentration**

(93 units minimum)

The BHA concentration in Environmental & Sustainability Studies (ESS) focuses on human-environment interactions from a multitude of disciplinary perspectives. The curriculum draws on the expertise of faculty across several Carnegie Mellon colleges in order to provide students with the interdisciplinary background and skills necessary to understand environmental problems and the means to mitigate them. The curriculum is designed to help students apply social and scientific perspectives to environmental problems; to distinguish among scientific methods for evaluating environmental problems; to identify and assess sources of environmental data; and to identify environmental justice issues within the context of proposed policy solutions.

Core Courses (4 course, 30 units)

		Units
24/09-291	Environmental Systems on a Changing Planet - Spring	9
66-236	Introduction to Environmental Ideas	9
66-237	Interdisciplinary Dialogues for Environmental & Sustainability Studies -Spring	3
66-507	Capstone for Environmental and Sustainability Studies -Fall	9

Earth and Environmental Science (1 course, 9 units)

Choose one course from the list below.

03-128	Biology for Life Special Topics (Section S, Tropical Ecology)	9
03-140	Ecology and Environmental Science	9
12-201	Geology	9
33-115	Physics for Future Presidents	9

Political Economy (1 course, 9 units minimum)

Choose one course from the list below.

19-101	Introduction to Engineering and Public Policy	12
84-110	The Economics of Politics and Technology	9
84-226	International Relations	9
84-325	Contemporary American Foreign Policy	9
88-344	Systems Analysis: Environmental Policy	9

Electives (5 courses, 45 units minimum)

Choose three DC Electives and two MCS/ENG Electives in consultation with the concentration advisor.

DC Electives:

76-241	Introduction to Gender Studies	9
76-354	Watchdog Journalism	9
76-395	Science Writing *	9
76-450	Law, Culture, and the Humanities	9
79-201	Introduction to Anthropology	9
79-275	Introduction to Global Studies	9
79-278	How (Not) to Change the World	9
79-283	Anthropology of Energy	9
79-288	Bananas, Baseball, and Borders: Latin America and the United States	9
79-297	Technology and Work	9
79-331	Body Politics: Women and Health in America	9
79-377	Food, Culture, and Power: A History of Eating	9
79-379	Experimental Ethnography	9
79-383	The History of Capitalism	9
80-135	Introduction to Political Philosophy	9
80-244	Environmental Ethics	9
84-110	The Economics of Politics and Technology	9

84-275	Comparative Politics	9
84-325	Contemporary American Foreign Policy	9

MCS/ENG Electives:

12-201	Geology	9
19-101	Introduction to Engineering and Public Policy	12
27-505	Exploration of Everyday Materials	9
03-140	Ecology and Environmental Science	9

* Additional prerequisite