

BHA-Environmental & Sustainability Studies Fall 2024

Bachelor of Humanities and Arts (BHA)

Dietrich College (DC) Concentration in Environmental & Sustainability Studies

93 units (minimum)

Advisor: Abigail Owen, aeowen@cmu.edu

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.

BHA ESS students take at least 9 courses in their DC concentration, for a minimum of 81 units. A completed DC Concentration Declaration Sheet must be approved by the concentration advisor and submitted to the BXA office by spring mid-semester break of the student's sophomore year. BHA students who are admitted through internal transfer must have chosen a DC concentration at the time of their application, which serves as declaration.

Core Courses

(3 courses, 27 units)

24/09-291	Environmental Systems on a Changing Planet	9
66-236	Introduction to Environmental Ideas	9
66-506	Senior Capstone (Interdisciplinary Research: Capstone in ESS)	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
33-115	Physics for Future Presidents	9

Global Course

(1 course, 3 units)

99-xxx	Each semester, a new course is offered on Global themes, in partnership with University of Pittsburgh's Global Studies Center.	3
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Political Economy

(1 course, 9 units minimum)

Choose one course from the list below.

19-101	Introduction to Engineering and Public Policy	12
79-300	History of American Public Policy	9
84-110	Foundations of Political Economy	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
76-291	Getting Heard/Making a Difference	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
79-288	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
79-372	The Rise and Fall of Pittsburgh Steel	6
79-377	Food, Culture, and Power: A History of Eating	9
79-379	Extreme Ethnography	9
79-383	The History of Capitalism	9
80-135	Introduction to Political Philosophy	9
80-244	Environmental Ethics	9

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84-110	Foundations of Political Economy	9
84-275	Comparative Politics	9
84-325	Contemporary American Foreign Policy	9
85-241	Social Psychology	9

MCS/ENG Electives:

12-201	Geology	9
19-101	Introduction to Engineering and Public Policy	12
19-425	Sustainable Energy for the Developing World	9
27-505	Exploration of Everyday Materials	9
<u>03-140</u>	Ecology and Environmental Science	9

* Additional prerequisite