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

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
- 79-379 Extreme Ethnography 9
- 79-383 The History of Capitalism 9
- 80-135 Introduction to Political Philosophy 9
- 80-244 Environmental Ethics 9

MCS/ENG Electives:

- 70-320 Advanced Research Writing 9
- 79-341 Media in Society 9
BHA-Environmental & Sustainability Studies Fall 2023

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MCS/ENG Electives:

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<td>93-140</td>
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* Additional prerequisite