The minor in Environmental Humanities allows students to explore how attitudes and perceptions, ethics and social structures, arts, cultures and language respond to and shape our environments. The program places special emphasis on arts-driven inquiry into place, integrating the methods and modes of analysis traditionally associated with the arts and humanities with those of the social and natural sciences. The minor also emphasizes public research, training students to engage with publics outside the university in the processes of environmental knowledge-making. Students will complete both a customizable public engagement requirement and a final capstone project. The minor is open to undergraduates in all disciplines.

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ENVS 150</td>
<td>Water Worlds: Cultural Responses to Sea Level Rise &amp; Catastrophic Flooding</td>
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<tr>
<td>or COML 155</td>
<td>War and Representation</td>
</tr>
<tr>
<td>or GRMN 151</td>
<td>Water Worlds: Cultural Responses to Sea Level Rise &amp; Catastrophic Flooding</td>
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<tr>
<td>ENVS 312</td>
<td>Introduction to Environmental Science</td>
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<tbody>
<tr>
<td>RELS 212</td>
<td>Animals &amp; Religion</td>
</tr>
<tr>
<td>RELS 246</td>
<td>Spirituality in the Age of Global Warming: Designing a Digital Mapping Project in Scalar</td>
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</tbody>
</table>

### Arts & Humanities Approaches to Environmental Inquiry

Select two of the following:

- ENGL 380 Performance in the African Diaspora
- AFRC 325 Performance in the African Diaspora
- ARCH 111 Architecture in the Anthropocene
- ENVS 152 Liquid Histories
- or HIST 152
- or GRMN 153 Liquid Histories and Floating Archives
- or ENGL 052
- FNAR 268
- FNAR 307
- ENVS 150 Water Worlds: Cultural Responses to Sea Level Rise & Catastrophic Flooding
- or COML 155 War and Representation
- or GRMN 151 Water Worlds: Cultural Responses to Sea Level Rise & Catastrophic Flooding
- ENVS 151 Forest Worlds: Mapping the Arboreal Imaginary in Literature and Film
- or GRMN 152 Forest Worlds: Mapping the Arboreal Imaginary in Literature and Film
- ENVS 181 Comparative Cultures of Sustainability
- or GRMN 18 Comparative Cultures of Sustainability
- GRMN 239 Sustainability & Utopianism
- or PHIL 567
- or COML 547
- HIST 060 Global Environmental History from Paleolithic to the Present
- HIST 385 Human-Animal Relationships in Historical Perspective
- PHIL 079 Environmental Ethics
- PHIL 226 Philosophy of Biology
- RELS 211 Religion and Ecology

### Social Science Approaches to Environmental Inquiry

Select one of the following:

- ANTH 110 Water in the Middle East Throughout History
- ANTH 121 Origin and Culture of Cities
- ANTH 134 Making the Natural World: An Introduction to Political Ecology
- ANTH 213
- ANTH 297
- ANTH 317 The Politics of Matter and the Matter of Politics
- ANTH 331
- ANTH 355
- ANTH 421 Anthropology In and Of Environmental Health
- ANTH 440 Plants and Society
- STSC 168 Environment and Society
- STSC 179 Environmental History
- STSC 279 Nature’s Nation: Americans and Their Environment
- STSC 360 Data Dreams
- HSOC 379 Animals in Science Medicine Technology
- HSOC 458 Environments and Health
- HSSC 565 Environmental History

### Natural Science Approaches to Environmental Inquiry

Select one of the following:

- ENVS 100 Introduction to Environmental Science
- ENVS 312 Ocean-Atmosphere Dynamics and Implications for Future Climate Change
- ENVS 404 Urban Environments: Speaking About Lead in West Philadelphia
- ENVS 406 Community Based Environmental Health
- ENVS 411 Air Pollution: Sources & Effects in Urban Environments
- ENVS 417 The anthropocene: Human-dominated Earth
- BIOL 140 Humans and the Environment
- BIOL 231 Evolution of Behavior: Animal Behavior
- BIOL 240 Ecology: From individuals to ecosystems
- CHEM 012 Environmental Chemistry
- GEOL 103 Natural Disturbances and Human Disasters
- GEOL 130 Oceanography
- GEOL 204 Global Climate Change
- GEOL 318 Glaciers, Ice & Climate
- GEOL 411 Intro Soil Science
- GEOL 421 Biogeochemistry

### Touchstone Course

Transdisciplinary Environmental Humanities

### Public Engagement Requirement

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If completed using one of the courses below, this credit can double count as one of Requirements I, II, and III, above. This requirement may also be fulfilled with an independent study, credit-bearing summer project or other course with a significant community-based research or service component, but requires prior approval from the Associate Director of Undergraduate Studies.

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<tr>
<td>ENVS 152</td>
<td>Liquid Histories</td>
</tr>
<tr>
<td>or GRMN 15</td>
<td>Liquid Histories and Floating Archives</td>
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<tr>
<td>or HIST 152</td>
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**Capstone Course**

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<tr>
<td>ANTH 543</td>
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<tr>
<td>or COML 562</td>
<td>Public Environmental Humanities</td>
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<tr>
<td>or GRMN 544</td>
<td>Public Environmental Humanities</td>
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<tr>
<td>or URBS 544</td>
<td>Public Environmental Humanities</td>
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</table>

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2020 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.