



**BIG IDEAS:**  
**Transformative Culture & The Professions**

Science and the Environment  
Central Concept: Discovery

How does the world work?

From the dark riddles of black holes to the perplexities of sub-atomic particles, the physical world holds an untellable number of mysteries, and we turn to science to get answers to our questions about the nature of our environment. Scientific theories and practices do not emerge from the straightforward accumulation of facts, but from a set of changing intellectual conditions of possibility that are entirely human, and therefore, what we can discover is only as limited as our ability to discover new ways of asking questions. The Science and Environment concentration brings together disciplinary methods outside of the sciences to explore the factors that limit the questions we ask, how they are asked, and who is invited to ask them while integrating methods of inquiry from the humanities and arts, emboldening students to ask unexpected and innovative questions about their world that will give the answers they need to face the challenges of the future.

**Core courses:** 6 cr *LS Humanities Lit; Global and Multicultural Awareness*



- CHSS 122: Big Ideas I, Ancient to Enlightenment (3 cr)
- CHSS 123: Big Ideas II, Enlightenment to Present (3 cr)
- CHSS 482: Big Ideas Capstone Internship (1 cr)

**Students will select three courses:**



- ARHI 205: Ancient to Medieval Art. *LS Elective Information Literacy.*
- ARHI 207: Renaissance through Modern Art.
- ANTH 110: Contemporary Anthropology. *LS Elective Social Science, Global and Multicultural Awareness.*
- ANTH 211: Cultural Anthropology. *LS Elective Social Science, Global and Multicultural Awareness.*
- ANTH 413: Archaeology of Coasts.
- ANTH 420: Environmental Anthropology. *Prerequisites: ANTH 110 or 211.*
- ANTH 430: Anthropology of Food.

Please turn over for more.



- ANTH 444: Medical Anthropology. *Prerequisites: any of the following ANTH 100/211; SOC 151/161; with permission.*
- ANTH 470: Environmental Archaeology. *Prerequisites: ANTH 244 or GEOS 201 or permission.*
- ENGL 222: Technical Writing. *Prerequisite: ENGL 101.*
- ENGL 341: Poetry. *Prerequisites: ENGL 101, and 121 or 122.*
- ENGL 361: Environmental Literature. *Prerequisites: ENGL 121 or 122, 202.*
- ENGL 421: Digital Writing. *Prerequisite: ENGL 202.*
- HIST 240: Zombies: A Cultural History of Death, Disease, and Technology. *LS Elective Information Literacy.*
- HIST 385: People in Nature: An Introduction to Environmental History. *Prerequisites Sophomore standing, 3 credits of college history.*
- PHIL 221: Symbolic Logic I.
- PHIL 270: Ethics and the Environment. *LS Elective Global Citizenship.*
- PHIL 330: Philosophy of Science. *LS Elective Scientific Literacy.*
- PLSC 250: Public Policy.
- PLSC 355: Intergovernmental Relations.
- PLSC 370: The Practice of Public Administration.
- RLST 365: Native North American Religions. *LS Elective Global Citizenship, Global and Multicultural Awareness.*
- SOC 151: Principles of Sociology. *LS Elective Social Science* OR SOC 161: Foundations of Sociology: Social Relations in Groups and Organizations. *LS Elective Social Science.*
- SOC 337: Society, Globalization, and Risk. *Prerequisites: one of the following: ANTH 110; ECON 101, 121, GEOG 230, HIST 202, PLSC 101, 282, SOC 151, 161. LS Elective Global Citizenship, Global and Multicultural Awareness.*
- SOC 345: Sociological Social Psychology. *Prerequisites: SOC 151 or SOC 161.*
- SOC 442: Medical Sociology. *Prerequisites: SOC 151 or SOC 161.*
- SUST 201: Introduction to Sustainability Studies. *LS Elective Global Citizenship.*
- WGS 200: Introduction to Women's and Gender Studies. *LS Elective Global Citizenship.*

- No more than 2 classes per department may be counted towards the certificate.
- Only 1 class from a student's major may be counted towards the certificate.
- Only 1 100-level course may be counted towards the certificate.
- Substitution of courses may be approved by the director.