Previous Approved Cognates

These are approved cognates for **students matriculated prior to Fall 2018 only** who have elected to continue to follow the previous ES major requirements.

Two cognate courses must be selected from the approved list of cognates, with the restrictions that: (1) students focusing in an environmental science (biology, chemistry, or geology) must take both of their cognates outside of the natural sciences; (2) students focusing in an area other than environmental science must take both cognates as science courses with laboratory. Not all these courses are offered each year; check with the relevant department to determine course offerings.

**Natural Science**

Any winter term course explicitly labeled ENVS and explicitly described in the Winter Term Catalogue as counting as a natural science lab cognate for Environmental Studies majors with a focus outside of the natural sciences.

- BIOL 0140 Ecology & Evolution
- BIOL 0302 Vertebrate Natural History
- BIOL 0304 Aquatic Ecology
- BIOL 0323 Plant Community Ecology
- BIOL 0392 Conservation Biology
- CHEM 0270 Environmental Chemistry & Health
- ENVS 0240 The Science of Climate Change
- GEOG 0326 GIS Applications in Environmental Science & Management
- GEOL 0105 Energy & Mineral Resources
- GEOL 0112 Environmental Geology
- GEOL 0161 Elements of Oceanography
- GEOL 0222 Remote Sensing in Environmental Science
- GEOL 0250 Arctic & Alpine Environments
- GEOL/GEOG 0251 Geomorphology
- GEOL 0255 Surface & Ground Water
- GEOL 0257 Soils, Geology, & the Environment
- GEOL 0323 Environmental Geochemistry
Arts, Humanities, and Social Science

Any winter term course explicitly labeled ENVS and explicitly described in the Winter Term Catalogue as counting as a cognate for Environmental Studies majors with a focus in the environmental sciences.

AMST 0214 Mastodons, Mermaids, and Dioramas: Capturing Nature in America
AMST 0245 American Landscape 1825-1865
AMST 0300 Reclaiming the Swamp: History, Science, & the Challenge of the Everglades
ARBC 0431 The Environmental Middle East: Forests, Rivers, & Peoples
ART 0309 Landscape Re-imagined
DANC 0277 Body & Earth
ECON 0265 Environmental Economics
ECON 0365 Climate Change Economics
ECON 0465 Special Topics in Environmental Economics
EDST 0206 Environmental Education
EDST 0420 Education for Sustainability
ENAM 0108 Animals in Literature & Culture
ENAM 0227 Encounters with the Wild: Nature, Culture, Poetry
ENAM 0243 Maritime Literature & Culture
ENAM/ENVS 0303 Shakespeare, Nature Poet
ENAM 0311 Nature's Renaissance
ENAM 0445 Recent Novels of Environmental Justice
ENVS 0208 Anthropocene Environ. Justice
ENVS 0209 Gender Health & the Environment
ENVS 0210 Social Class & the Environment
ENVS/ARBC 0245 Human Environment Relations: Middle East
ENVS 0330 Conserving Endangered Species
ENVS 0332 The Perennial Turn in AG and Culture
ENVS 0385 Global Political Ecology
ENVS 0395 Religion, Ethics, & the Environment
ENVS 0444 The New West
ENVS/HARC 0327 Photography & the Environment
FMMC 0285 Sustainable TV: Producing Environmental Media
GEOG 0207 Resource Wars: A Geopolitical Perspective
GEOG 0208 Land & Livelihoods
GEOG 0209 Human Geography of Hazards
GEOG 0210 Geographic Perspectives on International Development
GEOG 0213 Population Geography