

Track III: Environmental Communication

Beginning in the Fall 2012 semester, all students declaring for ENV5 to complete the Track III will be required to choose from these courses. This list will periodically be updated as new courses present themselves. Please make sure to check [Course Offerings](#) for the most up-to-date semester based course listings.

Environmental Communication is an interdisciplinary field that examines how individuals, groups, and cultures perceive information, and how they craft and disseminate environmental messages to enhance our understanding of environmental change and/or degradation. Despite extensive data, getting public engagement on environmental issues has proven elusive. Effective communication of environmental issues is a critical need.

At Tufts University, the goal of the **Environmental Communication Track** is to provide students with an interdisciplinary background that will enable them to evaluate environmental information carefully and critically, and to be able to create messages in ways that are scientifically sound and effective in reaching multiple audiences through various platforms.

The requirements below will give students an understanding of how written, spoken and visual messages are communicated and perceived, and the social and cultural contexts in which environmental information is communicated.

Minimum Required Courses (n=5):

INTRODUCTORY

One of the following courses:

ENV 150 Environment, Communication and Culture Spring

METHODS/RESEARCH

One of the following courses:

ANTH 161 Fieldwork Lab	Fall
BIO 051/ENV 051 Experiments in Ecology	Fall
BIO 181/ENV 181 Tropical Ecology and Conservation	Fall (odd years)
CSHD 140 Problems of Research: Statistics	Spring
CSHD 144 Qualitative And Ethnographic Methods In Applied Social Science Research	Spring
CSHD 146 Applied Data Analysis	Fall
CEE 194-F Special topics: Principles of Biostatistics	Fall, Spring
CEE 267/UEP 267 Methods of Environmental Impact Assessment	Variable
CH 030 Community Health Methods	Variable
CH 031 Introduction to Statistics for Health Applications	Fall
EC 107 Econometric Analysis	Fall, Spring
ELS 105-01 and 02 Entrepreneurial Marketing	Fall, Spring
ENV 107/GIS 101 Intro to Geographic Information Systems	Fall, Spring
ENV 120 Intro to Environmental Fieldwork: From Class to Community	Spring
ENV 151 Environmental Action	Fall
ENV 196-0R/CEE 194 Selected Topics: Introduction to Remote Sensing	Spring
ENV 197/GIS 102 Advanced GIS	Spring
ENV 199 Senior Honors Thesis	Fall, Spring
EOS 104 Geological Applications of Geographic Information Systems	Spring
PS 103 Political Science Research Methods	Spring
PS 115 Public Opinion and Public Survey	Variable
PSY 031 Statistics for Behavioral Science	Fall, Spring
PSY 032 Experimental Psychology	Fall, Spring
PSY 036 Experimental Social Psychology	Spring
SOC 100 Research Design and Interpretation	Fall
SOC 101 Quantitative Research Methods	Fall
SOC 102 Qualitative Research Methods	Spring
UEP 232/ENV193 Intro to GIS	Spring

ELECTIVES

Three courses from the arts and humanities, media practice, natural sciences, or social sciences. Courses must come from at least two different departments and include one seminar (*)

ARTS & HUMANITIES

DR 027 Public Speaking	Fall, Spring
ENG 154 American Indian Writers	Fall
ENG 160/ENV 160 Environmental Justice and World Literature *	Spring
ENG 176 Earth Matters: American Literature and the Environment *	Fall
EXP 051 Narrative and Documentary Practice	Fall
NUTR 220 Introduction to Writing about Nutrition and Health	Fall
PHIL 024 Introduction to Ethics	Fall
PHIL 038 Rational Choice	Fall
PHIL 091 Climate Change Ethics	Fall
PHIL 124 Bioethics	Spring

MEDIA PRACTICE

ENV 152/PS 188-20 Seminar in Environmental Negotiations *	Fall (odd years)
FAM 064 Photography Foundations	Fall, Spring
FAM 065 Photography and Computer	Fall, Spring
FMS 022 Media Literacy	Fall
FMS 194 Advanced Filmmaking	Fall

NATURAL SCIENCES

ANTH 040 Biological Anthropology	Fall
ANTH 042 Extreme Environments: Human Adaptability to Novel Habitats	Spring
BIO 002 Biology and the American Social Contract	Spring (odd years)
BIO 010/ENV 010 Plants and Humanity	Spring
BIO 118 Plant Physiology	Spring (even years)
BIO 144 Principles of Conservation Biology	Spring (even years)
BIO 164/ENV164 Marine Biology	Spring
BIO 180 Seminar in Conservation Biology *	Spring (odd years)
BIO 181/ENV 181 Tropical Ecology and Conservation *	Fall (odd years)
BIO 185 Food for All: Ecology, Biotechnology and Sustainability *	Spring (odd years), Summer
CEE 158 Occupational and Environmental Health	Spring
ENV 091 Environmental Preservation and Improvement *	Fall
ENV 195-1 Environment, History and Justice	Fall (even years)

SOCIAL SCIENCES

ANTH 020 Global Cities	Spring
ANTH 138 The Anthropocene and the End of Nature	Spring (even years)
ANTH 121 The Politics of Knowledge	Variable
ANTH 148 Medical Anthropology	Spring
EC 030/ENV 030 Environmental Economics	Fall, Spring
ED 164 Education for Peace and Justice	Fall
GER 82/ENV 82 Imagining the environment: cross-cultural perspectives *	Spring
ENV 152/PS 188-20 Seminar in Environmental Negotiations *	Fall (odd years)
EXP 076 Public Relations and Marketing	Fall
EXP 058 Social Marketing	Spring
PSY 013 Social Psychology	Fall, Spring

PSY 032 Experimental Psychology	Fall, Spring
PSY 036 Experimental Social Psychology	Spring
SOC 040 Media and Society	Spring
SOC 94 People, Place and Environment	Fall
SOC 135 Social Movements	Fall
SOC 185 Seminar in Mass Media Studies *	Variable
SOC 188-04 Consumers and Consumerism	Fall
UEP 101 Land Use Planning	Spring
UEP 200/ENV 200 Land Use Planning	Fall
UEP 207 Environmental Law	Fall

Unlisted courses that are environmentally-themed might be requested to count toward specific requirements (introductory, research/methods and advanced courses/seminars). Examples might include Experimental College classes or Advanced Independent Research courses offered by different departments. In order to have an unlisted course added to a track, you must complete a [Course Petition form](#) and submit it to environmentalstudies@tufts.edu.

Attention: This list is a general guide. Some courses might not be taught every year. Please double-check the current semester course listing and/or SIS.