

## TC3: GLOBAL HEALTH, NUTRITION, AND THE ENVIRONMENT

This concentration addresses the conceptual connections between issues of global health, nutrition, the environment, and sustainable development as they relate to international affairs. As a functional concentration, it also aims to provide the analytic and scientific knowledge sets to prepare majors considering advanced study or professional entry into the field.

### Requirements

In addition to the 5 Core Requirements and the IR Language Requirement, students must take a total of 7 courses to complete their Thematic Concentration. No more than 3 of the 7 courses may be an introductory level course (marked with \*).

TC3 Requirements are as follows:

- 1 biology course
- 1 epidemiology course
- 1 quantitative reasoning and field methodology course
- 1 course on the role of the U.S. in the world (Note: Students in TC3 may alternatively choose any course from the U.S. Role course listing located on the [Courses](#) page to fulfill the U.S. Role requirement.)
- 1 natural science
- 1 social science/history/policy
- 1 culture course - Students in TC3 may fulfill the Culture requirement by taking one of the following:
  - A Culture course approved for their TC; or
  - A Culture course approved for the language used to fulfill their IR language requirement. See the [Courses](#) page for a list of approved Culture courses by language.Students fully exempt from the IR language requirement (i.e. native speakers with proof of 8th semester language proficiency on their transcript) have the additional option of taking any Culture course from any language on the approved courses list (see the [Courses](#) page for a list of approved Culture courses by language).
- 1 capstone course (A capstone course may be an upper level seminar course, senior honors thesis, or directed research. See the [Capstone](#) page for more information.)

NOTE: It is possible that a single course may satisfy more than one concentration requirement. For example, *CH 2 Healthcare in America* satisfies both the U.S. role and the social science/history/policy elective requirements. If students complete the above requirements with fewer than 7 courses, they can choose any additional courses from the concentration to reach the required 7 total courses.

### Frequently Asked Questions

- If a course is approved for both a Core and TC3, can I double count it? **NO**
- If a course is approved for both my TC3 culture requirement and one of my IR language semesters, can I double count it? **NO**

### Historical Course Listing

The course listing below is comprised of all the TC3 courses offered over the last 4 years. **For the most up-to-date and current info, view course offerings by semester via the [Courses](#) page.** In addition, course ID #'s, titles, and prerequisites often change from semester to semester so check SIS or individual departments for the most up-to-date info. If you have any question about whether or not a course counts for your concentration, please contact the IR office.

## TC3: Global Health, Nutrition, and the Environment Course Listing (Fall 2015-Present)

Course ID #	Course Title	Approved for TC3 as follows:
ANTH024	Anthropology of the Environment	Social Science/History/Policy
ANTH040	Biological Anthropology	Natural Science
ANTH042	Extreme Environments	Natural Science
ANTH126	Food, Nutrition and Culture	US Role, Social Science/History/Policy
ANTH148	Medical Anthropology	Social Science/History/Policy
ANTH188	Seminar: Culture, Psychiatry, and the Politics of Madness	Social Science/History/Policy, Seminar
BIO001/ENV091	Seminar: Environmental Preservation and Improvement	Seminar
BIO007/ENV007	Environmental Biology*	Biology, Intro, Natural Science
BIO010/ENV010	Plants and Humanity	Natural Science
BIO012	Human Reproduction and Development	Biology, Natural Science
BIO013	Cells and Organisms with Lab*	Biology, Intro, Natural Science
BIO014	Organisms & Populations with Lab*	Biology, Intro, Natural Science
BIO104	Immunology	Natural Science
BIO106	Microbiology with Lab	Natural Science
BIO130/ENV130	Animal Behavior	Natural Science
BIO132	Biostatistics	Quantitative Reasoning
BIO142	Population and Community Ecology	Natural Science
BIO143	Evolutionary Biology	Natural Science
BIO144	Principles of Conservation Biology	Natural Science
BIO164/ENV164	Marine Biology	Natural Science
BIO179	Seminar: Marine Biology	Seminar, Natural Science
BIO180	Seminar: Conservation Biology	Seminar
BIO181	Seminar: Tropical Ecology and Conservation	Seminar, Natural Science
BIO183	Seminar: Darwinian Medicine	Seminar, Natural Science
CEE137	Public Health	Social Science/History/Policy
CEE154	Principles of Epidemiology	Epidemiology
CEE155	Epidemiological Methods	Quantitative Reasoning
CEE194	Principles of Biostatistics	Quantitative Reasoning
CH002	Health Care in America*	US Role, Social Science/History/Policy, Intro
CH031	Intro to Stats for Health Applications (enrollment reserved for double majors with CH)	Quantitative Reasoning
CH054/CEE054/ENV054	Fundamentals of Epidemiology* (not offered again for a while)	Epidemiology, Intro
CH056	Introduction to Global Health* (majority of seats are reserved for CH majors, however, 5 seats are available for IR majors)	Social Science/History/Policy, Intro
CH056	Introduction to Global Health* (majority of seats are reserved for CH majors, however, 5 seats are available for IR majors)	Social Science/History/Policy, Intro

<b>Course ID #</b>	<b>Course Title</b>	<b>Approved for TC3 as follows:</b>
CH105	Humanitarian Policy and Public Health (not offered again)	Social Science/History/Policy
CH107	Science and the Practice of Medicine	Natural Science
CH184	Seminar: Globalization and Health (not offered again)	Seminar, US Role, Social Science/History/Policy
CH186/SOC186	Seminar: International Health Policy (see pre-reqs on SIS)	Seminar, Social Science/History/Policy, US Role
CH196	Seminar: Water, Sanitation, and Hygiene in Global Health (majority of enrollment reserved for CH majors; see pre-reqs on SIS)	Seminar, Natural Science
CHEM008	Environmental Chemistry	Natural Science
CLS146/HIST150	Ancient Medicine	Social Science/History/Policy, Culture
CLS176	Ancient Medicine Seminar	Social Science/History/Policy, Culture, Seminar
CSHD062/AAST062	Childhood Across Cultures	Social Science/History/Policy
EC013	Statistics*	Quantitative Reasoning, Intro
EC030	Environmental Economics and Policy	Social Science/History/Policy
EC030/ENV030	Environmental Economics	Social Science/History/Policy
EC048	Health Economics	Social Science/History/Policy
EC091	Economics of Public Policy	Social Science/History/Policy
EC117	Seminar: Social Interactions and Social Networks	Seminar
EC130	Seminar: Topics in Environmental Development	Social Science/History/Policy, Seminar
EC132	Seminar: Economics of Energy Markets	Seminar, Social Science/History/Policy
EC134	Resource and Environmental Economics and Policy	Social Science/History/Policy
EC136	Seminar: Topics in Economic Development	Social Science/History/Policy, Seminar
EC192-01	Seminar: Resource and Environmental Economics and Policy	Social Science/History/Policy, Seminar
ENG160/PJS160/ENV160	Seminar: Environmental Justice and World Literature	Culture, Seminar
ENV025	Environment and Technology*	Social Science/History/Policy, Intro
ENV120	Intro Environmental Fieldwork	Quantitative Reasoning
ENV135	Environmental Policy	US Role, Social Science/History/Policy
ENV150	Environment, Communication & Culture	Social Science/History/Policy
ENV152	Environmental Negotiations	Social Science/History/Policy
ENV182	Seminar: Food 4 All: Ecology, Biotechnology, & Sustainability	Natural Science, Seminar
ENV190/ANTH159	Practicing in Food Systems	Social Science/History/Policy, Quantitative Reasoning
EOS002	Environmental Geology	Natural Science
EOS005	Introduction to Oceanography	Natural Science

<b>Course ID #</b>	<b>Course Title</b>	<b>Approved for TC3 as follows:</b>
EOS051/151	Global Climate Change	Natural Science
GER082/182	Imagining the Environment	Culture
GIS101/UEP232	Intro to GIS (email sumeeta.srinivasan@tufts.edu for permission to register)	Quantitative Reasoning
GIS102	Advanced Geospatial Modeling (email sumeeta.srinivasan@tufts.edu for permission to register)	Quantitative Reasoning
HIST110	Race, Class and Power in Southern Africa	Social Science/History/Policy
HIST154	Health and Healing in Medieval and Early Modern Europe	Culture
HIST171/AFR147-06	Critical Perspective on "Development" in African History	Social Science/History/Policy
MATH021	Introductory Statistics	Quantitative Reasoning
NU101	Human Nutrition	Natural Science
NUTR238	Economics for Food Policy Analysis (Boston Campus - Friedman School)	Social Science/History/Policy
PS103	Political Science Research Methods	Quantitative Reasoning
PS138-03	Politics of Oil and Energy	Social Science/History/Policy
PS142	Ethics and International Relations	Social Science/History/Policy
PSY031	Statistics for the Behavioral Sciences	Quantitative Reasoning
SOC101	Quantitative Research Methods	Quantitative Reasoning
SOC102	Qualitative Research Methods	Quantitative Reasoning
SOC108/CH108	Epidemics	Social Science/History/Policy, Culture
SOC113	Urban Sociology	Social Science/History/Policy
SOC141/AMER052	Medical Sociology	Social Science/History/Policy
SOC192/CH192	Seminar: AIDS: Local and Global	Social Science/History/Policy, Seminar
SOC193/STS050	Politics, Policies and Risk in Science and Technology	Social Science/History/Policy
SPN148	Seminar: Health in the Spanish Speaking World	Culture, Seminar
UEP094/ENV094	Environmental Policy, Planning and Politics	US Role