

## 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 approved for the Old TC5 U.S. in World Affairs concentration to fulfill the U.S. Role requirement.)
- 1 natural science
- 1 social science/history/policy
- 1 culture course (Note: Students in TC2, TC3, and TC4 may alternatively fulfill the culture requirement by taking a course from the linguistic region they are using to fulfill their language requirement. Note: A student FULLY EXEMPT (e.g. native speaker) from the IR language Requirement (with required proof of 8th semester level of proficiency on Tufts transcript) may select a culture course from any language category. See the [Courses](#) page for a list of approved courses.)
- 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 level, 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 level, Natural Science
BIO014	Organisms & Populations with Lab*	Biology, Intro level, 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
BIO185/ENV182	Seminar: Food 4 All: Ecology, Biotechnology, & Sustainability	Natural Science, Seminar
CEE137	Public Health	Social Science/History/Policy
CEE154/CH154	Principles of Epidemiology	Epidemiology
CEE164	Epidemiological Methods	Quantitative Reasoning
CEE194	Principles of Biostatistics	Quantitative Reasoning
CH002	Health Care in America*	US Role, Social Science/History/Policy, Intro level
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 level
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 level

<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 Greek and Roman Medicine	Social Science/History/Policy, Culture
CLS176	Seminar: Ancient Medicine	Social Science/History/Policy, Culture, Seminar
CSHD062/AAST062	Childhood Across Cultures	Social Science/History/Policy
EC013	Statistics*	Quantitative Reasoning, Intro level
EC030/ENV030	Environmental Economics	Social Science/History/Policy
EC048	Health Economics	Social Science/History/Policy
EC091	Economics of Public Policy	Social Science/History/Policy
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: Social Interactions and Social Networks	Seminar
EC192-01	Seminar: Resource and Environmental Economics and Policy	Social Science/History/Policy, Seminar
ENG160/PJS160	Seminar: Environmental Justice and World Literature	Culture, Seminar
ENV025	Environment and Technology*	Social Science/History/Policy, Intro level
ENV135	Environmental Policy	US Role, Social Science/History/Policy
ENV150	Environment, Communication & Culture	Social Science/History/Policy
ENV152	Environmental Negotiations	Social Science/History/Policy
ENV190	Practicing in Food Systems	Social Science/History/Policy, Quantitative Reasoning
ENV196	Research, Analysis & Communication	Quantitative Reasoning
EOS002	Environmental Geology	Natural Science
EOS005	Introduction to Oceanography	Natural Science
EOS051/151	Global Climate Change	Natural Science
GER082/182	Imagining the Environment	Culture

<b>Course ID #</b>	<b>Course Title</b>	<b>Approved for TC3 as follows:</b>
GIS101/UEP232	Intro to GIS (email sumeeta.srinivasan@tufts.edu for permission to register)	Quantitative Reasoning
GIS102	Advanced Geographic Information Systems (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
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