### Community Health Program Summer Courses 2015

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<td>ONLINE COURSE</td>
<td>None, but previous coursework in statistics or research design helpful.</td>
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<td>CH 180 (C)</td>
<td>Internship</td>
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<td>12 Week Session Wed 8:30-10</td>
<td>CH 1 &amp; 2, must be a CHP student</td>
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<td>Anth 148A</td>
<td>Medical Anthropology</td>
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#### CH 54/CEE 54: Fundamentals of Epidemiology
- **Time Block:** ONLINE COURSE
- **Prerequisites:** None, but previous coursework in statistics or research design helpful.
- **Course Description:**
  This is an introductory course in the epidemiologic method intended for undergraduate students. Course participants will gain a familiarity with basic epidemiologic approaches and an ability to evaluate the results of epidemiologic studies. Examples from environmental and occupational epidemiology will be used in conjunction with material addressing health system and health service research topics. A primary focus of the course is in becoming a critical consumer of the epidemiologic literature. The course text is Epidemiology in Medicine by Hennekens and Buring.

#### CH 180 (C): Internship
- **Time Block:** 12 Week Session Wed 8:30-10
- **Prerequisite:** CH 1 & 2, must be a CHP student
- **Course Description:**
  The internship, a one-credit field placement (CH 180) is an integral part of the Community Health Program. It is designed to offer juniors and seniors the opportunity for "hands-on" experience in the health care field. Placements are available in diverse settings that allow the theories of the classroom to be applied and evaluated in real-life situations. Internships are available in hospitals, hospices, neighborhood health centers, government agencies at the city, state and federal levels, consulting firms, non-profit agencies, and health advocacy and public interest groups. The internship is designed to enable both agency and student to benefit from the experience. Placements offer students valuable opportunities for interacting with professionals and clients/consumers in the health field. **MUST ATTEND MANDATORY CLASS MEETINGS, and two additional individual meetings.**

#### Anth 148A: Medical Anthropology
- **Time Block:** TTh 10:00-12:15
- **Course Description:**
  What can health and healing teach us about the human experience? Anthropology, as the study of the myriad ways humans go about structuring and experiencing their lives, offers a window into the relationship between the individual and society. Medical anthropology takes a critical approach to understanding this relationship, by examining the ways that healing, the body, technology and sickness are practices cross-culturally and the ways that health and healing intertwine with power and economics in the contemporary world. This class will examine these phenomena in many socio-cultural contexts, including cancer treatment in Botswana, global debates about pharmaceuticals, and living with Aids in Brazil. The course will end with an important consideration of the definition of the end of life and the micro-politics of organ donation. As we proceed through the course, we will pay constant attention to the applicability of anthropological perspectives to the broader context. Aside from reading and active participation in the class, this course will ask you to engage in some qualitative research outside the class to better understand the subjective experience of health and illness.

#### EC13A: Statistics
- **Time Block:** TTh 1:30-3:45
- **Prerequisites:** EC 5, MATH 30 and 14 (formerly MATH 5 and 6), or MATH 32 (formerly MATH 11)
**Math 21A**

**Introductory Statistics**

Garant

**Time Block:** Online Course anytime

**Cluster:** Statistics – Plan B Core

Descriptive data analysis, sampling and experimentation, basic probability rules, binomial and normal distributions, estimation, regression analysis, one and two sample hypothesis tests for means and proportions. The course may also include contingency table analysis, and nonparametric estimation. Applications from a wide range of disciplines.

This online course will have two proctored exams. For more information about how exams are conducted, see "Proctor Information" on the Tufts Summer Session Website.

Prerequisites: High school algebra & geometry.

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**NUT 101 (A or B)**

**Human Nutrition**

McKay

**Time Block:** Online (A) OR TTh 6-9:30 (B)

**Prerequisite:** Sophomore standing or consent

**Course Description**

To provide an understanding of basic nutrition science to non-science majors and students with a limited scientific background. Students will become familiar with: the principles of diet planning, government standards, and food labeling; the biological functions and food sources of each nutrient; energy balance, weight management, and physical activity; the role of nutrition in chronic disease development, nutrition throughout the life cycle; food safety issues; and current nutrition-related controversies. This course meets the science requirement for undergraduate non-science majors. It is not acceptable for biology credit for biology majors. This class is a traditional lecture based course that requires attendance.

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**Psych 31A**

**Statistics for Behavioral Science**

Barch

**Time Block:** MW 6:00-9:30

**Cluster:** Statistics – Plan B Statistics Core

Statistical methods for the treatment of data in the behavioral sciences. Descriptive and inferential methods will be considered. Computers will be used to explore conceptual issues and analyze data. Lab work incorporated into class time.

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**Psych 32B and L.**

**Experimental Psychology Lecture and Lab**

Barch

**Time Block:** MWF 9:00-12:00

**Cluster:** Inquiry and Evidence – Plan B Core

The goal of this course is to learn about doing research and to give you an opportunity to design, conduct, and analyze studies. PSY 32 consists of both lecture and lab components.

In lecture we will cover the fundamentals of psychological research methods. Lectures will not always repeat the text, so the professor encourages students to attend classes regularly. Students are responsible for materials covered in the text and in the lectures.

In lab, students will put what is learned into practice. We will conduct two empirical studies, and you will submit an APA-format paper based on each of these. These studies will be group projects, but students will be required to submit individual papers for each project.

There are no make ups for labs.

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**Psych 38B**

**Research Methods in Clinical Psychology**

Shin

**Time Block:** TTh 1:00-4:30

**Cluster:** Inquiry and Evidence – Plan B Core

Methods used to study personality and psychopathology, their nature and etiology. Methods include laboratory and naturalistic studies, projective and objective tests, methods for assessing reliability and validity, and single case studies. Please see departmental website for specific details.

Prerequisites: PSY 31 and either PSY 12 or 15