Course ID and 6-digit Number:
SOCI 2220-401 M 3.30 – 4.29 PM; Location: MCNB 286-7

You will need to sign up for one of the following recitation sections:
Section Number: 402, Meets: R 1:45-2:44p; Location: TBD
Section Number: 403, Meets: R 3:30-4:29p; Location: TBD

Course Description and Level
This course is designed to introduce students to the quantitative study of factors that influence the health of populations. During the course, readings, lectures, and problem sets will help students become familiar with the major measures used to characterize levels of health in populations, including infant and child mortality, life expectancy at birth, and various measures of morbidity and disability. In addition, problem sets will help students to consolidate their understanding of the construction and use of different measures. **You will need to know basic excel to complete the problem sets and have access to excel software.** There are no prerequisites for this course.

The substantive topics include: (1) the health of populations from historical and comparative perspectives, focusing on low-, middle- and high-income countries; (2) the principal factors that contributed to the massive health improvements of the past century; (3) factors that contribute to variation in health and mortality within and between low-, middle- and high-income countries; (4) factors that underlie major health disparities among individuals that are associated with socioeconomic status, race/ethnicity, and nativity; (5) environment and health; and (6) the role of the health care system.

All readings will be made available on the course's Canvas website. Readings will be supplemented by the material covered in lectures and will be posted on the Canvas Website. Canvas will also be used as a primary tool for electronic communication with students. Please ensure that you are enrolled in the class and a specific recitation section and that your email address is correct.

This course satisfies the Quantitative Analysis Requirement of the School of Arts and Sciences.

Course Requirements
(1) 6 assignments that cover methods discussed in class.
(2) An examination that evaluates students' understanding of the methods and their applications.
(3) Course Project – a paper using data and methods to address an important issue in population health. Useful data sets and online resources will be available on the course website and discussed in recitations, including examples of possible paper topics.

Grading
Grading will be based on problem sets (30%), exam (30%) the class project (30%), and class participation (10%).