This course aims to identify and examine the multiple disciplines within global health, and demonstrate an in-depth knowledge of the fundamental theories discussed in geography and global health. The course will describe and distinguish the burdens of disease at a global level (i.e., in different countries or continents), as well as identify the determinants, such as physical environment, national income, debt, race, education, population pressure, and strategies that address them. The course will describe and compare the evolution of major responses to world health situations over the past century, including primary health care, child/maternal survival, and the changing mix of biological, technical, socioeconomic and political approaches. As a learning outcome, students will be asked to apply basic geographical, epidemiological, cultural and behavioral fundamentals to examine and diagnose global health and development issues.

This course introduces students to different disease burdens and health problems across various social and economic levels throughout the world. It analyzes biological epidemiological, social, cultural, and behavioral interactions that affect global health study and project implementation. The course will cover health issues in Asia, Africa, North American and South America. Students will gain an understanding of global health topics and formulate their own innovative solutions to health issues in underserved populations.

Each student will be responsible for one discussion leading in class during the semester. The discussion leading will be based on the papers assigned each week. This comprises 20% of final grade. The in-class discussion and participation comprises 10% of final grade. Details of the final project will be announced in class. The essay writing and presenting comprises 30% of final grade.