

**TIMETABLE ARRANGEMENT:** Annual; 1st Semester

**CREDITS:** 6

**COURSE TEACHER(S):** Dr. Yanjia CAO

**ASSESSMENT:**

EXAMINATION 40 %	COURSEWORK 60 %
<ul style="list-style-type: none"> <li>• a two-hour exam</li> </ul>	<ul style="list-style-type: none"> <li>• Discussion leadership</li> <li>• Discussion participation</li> <li>• Final project</li> </ul>

**OBJECTIVES:**

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 country or continent), 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 learning outcome, students will be asked to apply basic geographical, epidemiological, cultural and behavioral fundamentals to examine and diagnose global health and development issues.

**COURSE SYNOPSIS:**

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, given their special geographical and social environment. Students will gain an understanding of global health topics and formulate their own innovative solutions to health issues in underserved populations.

**LECTURE TOPICS:**

- Introduction on Geography and global health
- Africa – HIV/AIDS
- Africa –Women’s health and Nutrition
- Southeast Asia –Malaria and diarrheal disease
- Asia – Culture and mental health
- China – Air pollution and respiratory disease
- USA – opioid epidemic
- USA – obesity and food environment
- South America – Natural disaster and Health
- South America – Children’s health and TB
- Global inequality in health care coverage
- Future Directions of Global Health and student presentation

**RECOMMENDED READING LIST:**

- Merson MH, Black RE, Mills AJ. Global Health: Diseases, Programs, Systems and Policies. 3rd Edition. New York: Jones & Bartlett Publishers, 2011.
- Kathryn H. Jacobsen: Introduction to Global Health.2nd edition. Jones and Bartlett Publishers: Boston, 2013.

Course Learning Outcomes (CLOs) After completing this course, students would be able to:		Alignment with Programme Learning Outcomes (PLOs)*						Course Assessment Methods
		1	2	3	4	5	6	
<b>1</b>	Identify and examine the multiple disciplines within global health, and demonstrate an in-depth knowledge of the fundamental theories discussed in global health	✓			✓			Discussion leadership, Discussion participation, Final project & Exam
<b>2</b>	Describe and distinguish the burdens of disease at a global level, as well as identify the determinants, stakeholders and strategies that address them.	✓		✓				Discussion leadership, Discussion participation, Final project & Exam
<b>3</b>	Evaluate the validity of current global research and identify the methodology appropriate for addressing specific global health issues.		✓	✓			✓	Discussion leadership, Discussion participation, Final project & Exam
<b>4</b>	Understand the physical and social development related to health in the world, as well as the current issues associated with the financing of health care globally.				✓	✓	✓	Final project

### **\*Geography Major Programme Learning Outcomes (PLOs)**

In order to meet the demands and challenges in this dynamic and ever-changing world, the Department has designed a series of well-structured and contemporary courses to cater to the different interests of students. Its courses are designed to align with the University's educational aims which hope to nurture future generations not only with a critical and intellectual mindset, but also with a passion to contribute to society in general.

After completing the programme, Geography Major students should be able to:

**PLO1** critically analyse the geographical aspects of the relationship between people and the natural environment;

**PLO2** demonstrate and develop an understanding of how these relationships have changed with space and over time;

**PLO3** identify, collect and utilize primary and secondary data to investigate and analyse the issues and problems facing people, places and society;

**PLO4** integrate, evaluate and communicate information from a variety of geographical and other sources;

**PLO5** participate in promoting social, economic and environmental sustainability at the local, regional and global scales; and

**PLO6** effectively apply a range of transferable skills in academic, professional and social settings.