

UC Berkeley Global Health Courses/Electives
Academic Year 2017-18* Spring Undergraduate Courses

*These courses may be taken to fulfill requirements of the SPH Global Health Specialty.
Please find details at the UC Berkeley Course Catalog.

School of Public Health

PB HLTH 116 Seminar on Social, Political, and Ethical Issues in Health and Medicine 3 Units

Terms offered: Spring 2018, Fall 2017, Spring 2017

This course offers an introduction to issues and perspectives related to health and medicine. Guest lecturers speak about the week's topic, which can include a variety of topics such as public health, violence, chronic illnesses, environmental health, and health care economics.

PB HLTH C117 Introduction to Global Health Disparities Research 2 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course is designed to prepare trainees in the UC Berkeley "Minority Health/Global Health" (MH/GH) program to conduct a ten-week infectious disease research project in a disease-endemic country. The course provides a background in neglected tropical disease research, international research ethics, and the conduct of health research in low-resource settings.

PB HLTH 126 Health Economics and Public Policy 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course focuses on a selected set of the major health policy issues and uses economics to uncover and better understand the issues. The course examines the scope for government intervention in health markets.

Economics

ECON 131 Public Economics

This course focuses on the role of the government in the economy from a theoretical and empirical perspective. The aim of the course is to provide an understanding of the reasons for government intervention in the economy, analyzing the merits of possible government policies, and the response of economic agents to the government's actions. The course covers the analysis of tax policy, social insurance programs, public goods, environmental protection

ECON 157 Health Economics 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

An economic analysis of policies and institutions in the U.S. health care sector. Topics covered include the supply and demand for health services, conceptual and policy issues relating to the provision of health insurance, and economic analysis of efficient regulatory policies toward the health care sector.

Education

EDUC C148 Education and International Development 4 Units

Terms offered: Spring 2018, Fall 2016, Fall 2015

This course is designed to provide a comprehensive overview of international development education. Through the use of lectures, discussions, and multimedia presentations, students will examine three core themes: 1) the purpose of education; 2) how contemporary development policy conceptualizes education; 3) education as a tool for social transformation.

Environmental Science, Economics, and Policy

EPS C180 Air Pollution 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course is an introduction to air pollution and the chemistry of earth's atmosphere. We will focus on the fundamental natural processes controlling trace gas and aerosol concentrations in the atmosphere, and how anthropogenic activity has affected those processes at the local, regional, and global scales.

ENV DES 4B Global Cities 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This study of cities is more important than ever; for the first time in history more people live in urban than rural areas, and cities will account for all of the world's population growth for at least the next half-century.

ENV DES 4C Future Ecologies: Urban Design, Climate Adaptation, and Thermodynamics 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course is intended to provide students with an overview of current thinking about cities and their components (buildings, parks, streets) as ecological and cultural systems.

ENVECON 162 Economics of Water Resources 3 Units

Offered through: Agricultural and Resource Economics

Terms offered: Spring 2018, Spring 2017, Spring 2016

Urban demand for water; water supply and economic growth; water utility economics; irrigation demand; large water projects; economic impacts of surface water law and institutions; economics of salinity and drainage; economics of groundwater management.

ESPM 152 Global Change Biology 3 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

The course will focus on understanding how anthropogenic changes to the global environment (e.g., climate change, habitat destruction, global trade) impact organisms. We will evaluate responses to global change in a wide diversity of organisms (from microbes to mammals) and ecosystems (from arctic to temperate to tropical).

ESPM 155AC Sociology and Political Ecology of Agro-Food Systems 4 Units

Terms offered: Spring 2018, Fall 2016

Sociology and political ecology of agro-food systems; explores the nexus of agriculture, society, the environment; analysis of agro-food systems and social and environmental movements; examination of alternative agricultural initiatives--(i.e. fair trade, food justice/food sovereignty, organic farming, urban agriculture).

ESPM 165 International Rural Development Policy 4 Units

Terms offered: Spring 2018, Spring 2017, Fall 2016

Comparative analysis of policy systems governing natural resource development in the rural Third World. Emphasis on organization and function of agricultural and mineral development, with particular consideration of rural hunger, resource availability, technology, and patterns of international aid.

ESPM C167 Environmental Health and Development 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

The health effects of environmental alterations caused by development programs and other human activities in both developing and developed areas. Case studies will contextualize methodological information and incorporate a global perspective on environmentally mediated diseases in diverse populations.

Ethnic Studies

ETH STD 180 Selected Topics in Comparative Ethnic Studies 1 - 4 Units

Terms offered: Spring 2018, Spring 2017, Fall 2016

Students will examine social dynamics as well as cultural and intellectual productions by or about communities of color nationally and internationally from different methodological perspectives.

Global Poverty & Practice

GPP 105 The Ethics, Methods, and Pragmatics of Global Practice 4 Units

Offered through: International and Area Studies

Terms offered: Spring 2018, Fall 2017, Spring 2017

This course is limited to declared Global Poverty and Practice minors. It is intended to provide Global Poverty and Practice minor students with the necessary background and knowledge to undertake projects and work experience of a global scope.

GPP 196 Global Poverty and Practice Capstone Course 3 Units

Offered through: International and Area Studies

Terms offered: Spring 2018, Fall 2017, Spring 2017

This course is intended to provide students with a forum for reflection on the Practice Experience component of the Global Poverty and Practice minor.

Geology

GEOG 130 Food and the Environment 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

How do human populations organize and alter natural resources and ecosystems to produce food? The role of agriculture in the world economy, national development, and environmental degradation in the Global North and the Global South.

GEOG C136 Terrestrial Hydrology 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2015, Spring 2014

A quantitative introduction to the hydrology of the terrestrial environment including lower atmosphere, watersheds, lakes, and streams. All aspects of the hydrologic cycle, including precipitation, infiltration, evapotranspiration, overland flow, streamflow, and groundwater flow. Chemistry and dating of groundwater and surface water.

Integrated Biology

INTEG BI C195 Introduction to Global Health Disparities Research 2 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course is designed to prepare trainees in the UC Berkeley "Minority Health/Global Health" (MH/GH) program to conduct a ten-week infectious disease research project in a disease-endemic

country. The course provides a background in neglected tropical disease research, international research ethics, and the conduct of health research in low-resource settings.

Nutritional Science and Toxicology

NUSCTX 104 Human Food Practices 2 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This nutrition course with an anthropological perspective examines why we eat what we eat by addressing environmental, socio-economic, political, cultural, and personal components of the human diet. Cuisines from a sampling of countries and regions are discussed.

NUSCTX 135 Food Systems Organization and Management 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

Principles of organization and management applied to institutional food service systems: production and delivery systems, management of resources, quality assurance, equipment, layout, marketing, personnel management, fiscal management. Laboratory experiences, projects and field work in institutional situations.

NUSCTX 145 Nutrition Education and Counseling 2 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

This course will focus on communicating nutrition messages through nutrition education and nutrition counseling. Students will develop and implement theory-based nutrition education interventions and conduct mock counseling sessions for various populations and conditions. Strategies for effective nutrition instruction, counseling, and behavior change will be discussed.

Political Science and Policy

POL SCI 124C Ethics and Justice in International Affairs 4 Units

Terms offered: Spring 2018, Spring 2017, Spring 2016

Should nations intervene in other countries to prevent human rights abuses or famine? On what principles should immigration be based? Should wealthy states aid poorer states, and if so, how much? Who should pay for global environmental damage? Answers to these moral questions depend to a great degree on who we believe we have an obligation to: Ourselves? Nationals of our country? Residents of our country? Everyone in the world equally?

PUB POL 190 Special Topics in Public Policy 1 - 4 Units

Terms offered: Spring 2018, Fall 2017, Spring 2017

Course examines current problems and issues in the field of public policy. Topics may vary from year to year and will be announced at the beginning of the semester. Open to students from other departments.

Sociology

SOCIOL C115 Sociology of Health and Medicine 4 Units

Terms offered: Spring 2018, Summer 2017 First 6 Week Session, Spring 2017

This course covers several topics, including distributive justice in health care, the organization and politics of the health system, the correlates of health (by race, sex, class, income), pandemics (e.g., AIDS, Avian Flu and other influenzas, etc.), and the experience of illness and interactions with doctors and the medical system.

SOCIOL 120 Economy and Society 4 Units

Terms offered: Spring 2018, Fall 2017, Summer 2017 First 6 Week Session

This survey course focus on three major themes of the contemporary United States: government, resources, and cities. Stress on the importance of transition from the 1960's. Examination of how each sector is influenced by policy currents, economic trends, and social conflicts.

SOCIOL 127 Development and Globalization 4 Units

Terms offered: Spring 2018, Fall 2017, Fall 2016

A comparative analysis of socio-economic and political change, focusing on the poor countries of Asia, Africa, and Latin America. Offers both a basic descriptive understanding of processes of change in these countries and an introduction to major theoretical perspectives on development and globalization.

SOCIOL 189G Comparative Perspectives in Sociology: The Global Elite 3 - 4 Units

Terms offered: Spring 2018, Fall 2016, Fall 2015

The course will cover both traditional and new elite theories, examine contemporary empirical evidence on the rise of the new global plutocracy, and think about the long-term implications of this phenomenon for inequality, culture, and society.