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Summer Session A: EPS - Earthquakes in Your Backyard

Berkeley Summer Sessions

EARTHQUAKES IN YOUR BACKYARD

Earth and Planetary Science 20



Course Description:

Introduction to earthquakes, their causes and effects. General discussion of basic principles and methods of seismology and geological tectonics, distribution of earthquakes in space and time, effects of earthquakes, and earthquake hazard and risk, with particular emphasis on the situation in California.

Summer Session A - Six-Week Session: May 26 - July 2 T Th 12:00PM - 2:30PM | Course #12122 | 3 units

OI

Summer Session D - Six-Week Session: July 6 - August 14 M W 4:30PM - 7:00PM | Course #12123 | 3 units

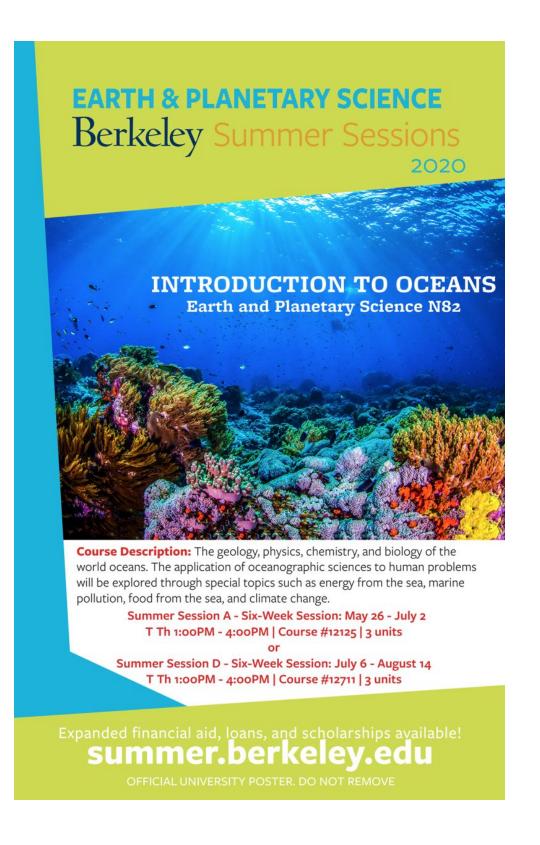
Expanded financial aid, loans, and scholarships available! **summer.berkeley.edu**

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Summer Session A: EPS - Environmental Earth Sciences



Summer Session A: EPS - Introduction to Oceans



Summer Session A: Public Health - Nutrition in Developing Countries



PH 118:NUTRITION IN DEVELOPING COUNTRIES

We will focus on low- and middle-income countries because they experience the greatest burden of malnutrition, and because they face a unique context of limited financial and government resources. In this course, we will discuss the effects of nutrition throughout the lifecycle in pregnancy, infancy, childhood, and adulthood. We will focus on nutrition broadly including issues of undernutrition, micronutrient deficiencies, and obesity. We will also analyze and evaluate actions taken to ameliorate the major nutritional problems facing vulnerable populations in low- and middle-income countries.

IT'S A PH MINOR AND MAJOR ELECTIVE!

Session A
May 28–July 5
3 Units
M/W 8am–12pm
Dwinelle 79

Summer Session A: Public Health - Human Health & the **Environment in a Changing World**

Berkeley Public Health PH N150B:

Human Health and the Environment in a Changing World



2020 Summer Session A 6 weeks May 26 - July 2

Course description:

The course begins with a brief introduction and exploration of recent environmental health issues in the news. Next we delve deeper into the core areas of environmental health sciences: toxicology, exposure assessment, risk assessment, environmental epidemiology, microbial ecology, GIS and environmental legislation, regulations and policy. We examine the science, health considerations, and regulations of contaminants in air, water, and agriculture (food, pesticides) in the context of both developed and developing countries. We also introduce other key topics such as environmental justice and occupational health and safety. We use case studies to provide real-world examples of important environmental and occupational health concepts. Students who complete this course will have basic literacy in environmental health sciences. Many 150B students choose this area of concentration for graduate studies and/or their careers.

This course consists of four two-hour lectures per week. An average of 2.5 hours per week studying, reading, and writing outside of the class is expected. Students are strongly encouraged to talk to both the professor and the GSI to discuss course material and environmental health science in the broader sense, especially how the material fits with their own individual interests.

Charlotte D. Smith is a faculty member of the University of California, Berkeley School of Public Health, and a Visiting Professor at the Universidad Jesuita de Guadalajara - Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO). Her research interests include the microbial ecology and control of waterborne pathogens, and using geospatial statistics to explore the pathway from environmental exposures, including contaminated water, to acute and chronic diseases (e.g., diarrheal and/or kidney disease). Current community-based participatory research in Guadalajara focuses on access to water as a human right under UN Resolution 64-292. Dr. Smith teaches Introduction to Environmental Health Sciences, Drinking Water and Health, and Applied GIS for Public Health. She is the faculty sponsor for the DeCal, Partners in Health and supervises graduate and undergraduate research.

Dr. Smith holds a BS in Microbiology from the University of Michigan, an MA in Community Health from the City University of New York, and a Ph.D. in Environmental Health Sciences from the University of California, Berkeley. She is a member of the United Nations Global Geospatial Information Management - Academic Network of the Americas, GIS Latin America, and the Organization of American States - Pan American Institute for Geography and History. She received the Jorge Matute Remus Award in 2019.

Summer Session A: Public Health – Global Health: A Multidisciplinary Approach

PH 112 2020 Summer Session A May 28 – July 2 4 Units Tu/W/Th 2pm-4pm Location: LeConte 4

PH Major and minor elective. Can be used toward the 4+1 MPH. Fulfills one of two breadth requirements (Social & Behavioral Science and International Studies).

Summer Session A: Public Health – War and Public Health

Taught by Public Health faculty Dr. Pauline Lubens, this course will explore the impact of war on public health, both globally and in the United States. With the wars in Syria, Yemen, Iraq, and Afghanistan serving as case studies, PH196 will examine:

The effects of war and civil conflict on health infrastructure and systems, disease rates, and psychological, environmental, and behavioral health.

The effects of combat service on U.S. military and their families.

The effects of armed conflict and forced migration on refugees.

The course will also include panel discussions with members of the community who have experienced war and its health effects first hand – veterans and refugees.

Summer Session A: Tu/Th 4-7pm, 104 Barrows Hall Class #15530 This is a 3.0 unit course

Summer Session A: Public Health – Introduction to Health Policy and Management

PH 150D 2020 Summer Session A May 28 – July 2 M, Tu, W, Th

10am-12pm Morgan 101 Class #14875

Units: 3

Health policy and management applies concepts from economics, organization behavior, and political science to the structure, financing ,and regulation of the public health and health care delivery systems. Introduction to Health Policy and Management (PH150D) is a three-unit breadth course that is designed to give students an overview of the health care system in the U.S. Students will also learn about current issues in U.S. health policy, health care reform efforts and proposals, and comparisons to other countries' health care systems, and contemporary organizational challenges experienced by the U.S. healthcare system.

Dr. Robin Flagg has over 25 years of experience in health policy development and advocacy. She has worked with numerous organizations including the California Association of Public Hospitals (CAPH), the Centers for Medicare and Medicaid Services (CMS) in the US Department of Health and Human Services, and Kaiser Permanente. Additionally, Dr. Flagg was the Director of Health Policy at the California Medical Association (CMA). Dr. Flagg's research interests include state policymaking, health care politics, and senior health care services. Dr. Flagg serves on the Board of On Lock, Inc. (a PACE plan). Dr. Flagg received both her PhD in Health Services and Policy Analysis and her MPH in Health Policy and Administration from UC Berkeley. Her BA was in Art History from Williams College. Following her BA, she worked for 3 years with US Peace Corps in Nepal.

Summer Session C: New Media R1B – Robots in Global Perspective

NWMEDIA R1B-001, 4 units Robots in Global Perspective

Juliana Friend

Summer Session C | MTWR 2-4pm | 340 Moffitt Undergraduate Library

Robots will replace us. Robots will care for us in our old age. Robots are mere projections of the humans that make them. Each of these narratives has had a profound impact on how humans view themselves and their relationships with others. This course examines understandings of human-robot relations in a global perspective. By analyzing diverse social and political contexts,

we will gain deeper insight into how worldviews get programmed into robots, and how robots shape our worldview.

We will explore a range of media from around the world, including:

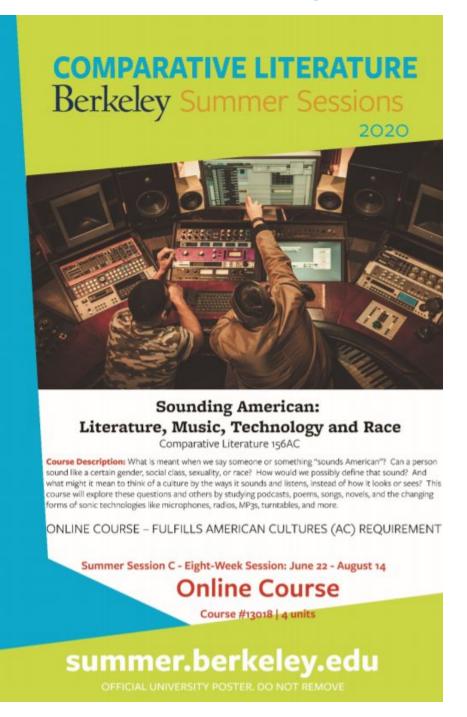
A fiction story about a music-loving robot guarding oil fields in Nigeria

Contemporary films like *Ex Machina* and *I am Mother*

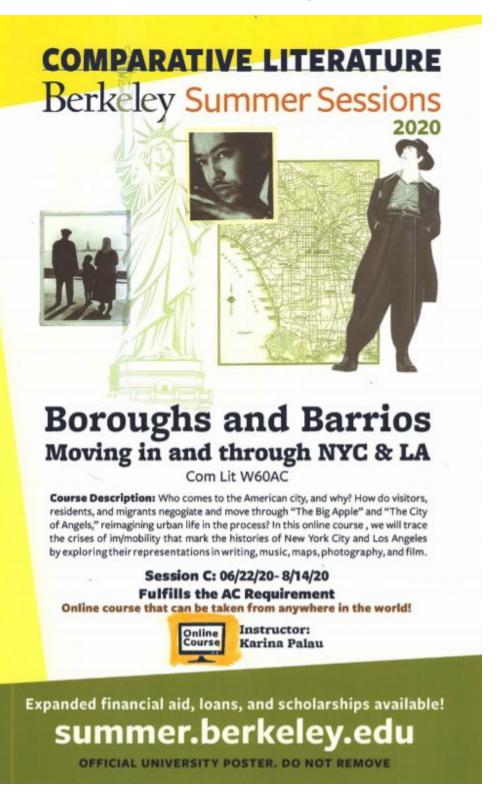
An anthropological study of social robots and nationalism in Japan

Case studies of humanoid robots built to improve road safety in Democratic Republic of Congo

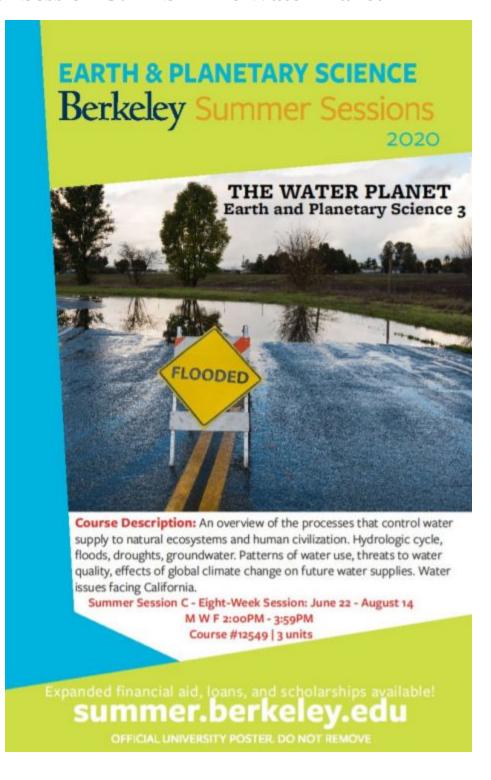
Summer Session C: Com Lit – Sounding American



Summer Session C: Com Lit – Boroughs and Barrios



Summer Session C: EPS – The Water Planet



Summer Session C: EPS – Earth and Planetary Science W12

EARTH & PLANETARY SCIENCE Berkeley Summer Sessions 2020

THE PLANETS Earth and Planetary Science W12

Course Description: A tour of the mysteries and inner workings of our solar system. What are planets made of? Why do they orbit the sun the way they do? How do planets form, and what are they made of? Why do some bizarre moons have oceans, volcanoes, and ice floes? What makes the Earth hospitable for life? Is the Earth a common type of planet or some cosmic quirk? This course will introduce basic physics, chemistry, and math to understand planets, moons, rings, comets, asteroids, atmospheres, and oceans. Understanding other worlds will help us save our own planet and help us understand our place in the universe. This course is web-based.

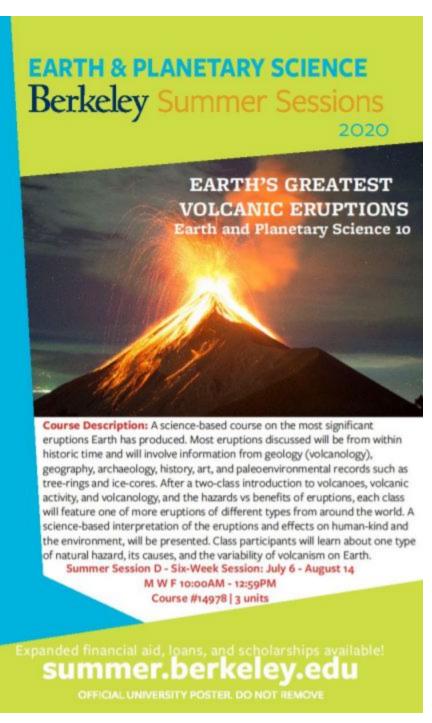
Summer Session C - Eight-Week Session: June 22 - August 14
Online Class | Course #12121 | 3 units

Expanded financial aid, loans, and scholarships available!

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Summer Session D: EPS – Earth's Greatest Volcanic Eruptions



Summer Session D: Public Health – Women's Global Health And Empowerment

UCB SPH Summer Sessions D 2020 Women's Global Health and Empowerment

Time: Mondays & Wednesdays 11AM-2PM

(July 6 - August 14)

Location: 12 Haviland

Units: 2 or 3

Course: PH155B, CCN 15420

Instructors: Mara Decker, Denise Dunning, Anke Hemmerling

The course will provide core knowledge and skills from several disciplines on how to improve women's health and well-being globally, and it will follow a life course framework. It aims to expand students' understanding of the interconnected factors that influence women's health and empowerment -- including foundations of sexual and reproductive health, economic development, political frameworks and global reproductive rights, demographic and social changes, basic principles of empowerment theory, educational opportunities, and efforts to ensure gender equality. *No prerequisites*.

IMPORTANT: If you are planning to enroll in both PH 155B and PH 142 this summer, please make sure to sign up for the PH 142 discussion and lab sections #105 and #105A from 5-6pm. All other PH 142 sections (101/101A, 102/102A, 103/103A, 104/104A, 106/106A) are from 11am-12pm and would create a conflict with PH 155B.

UCB SPH Summer Minor in Global Public Health

This course can be used as an elective for the completion of the Summer Minor in Global Public Health.

More Information:

https://publichealth.berkeley.edu/academics/undergraduate/global-public-health/ Or ahemmerling@berkeley.edu

Summer Session D: Public Health – Intro to Global Health Equity

Public Health 115: Summer Session D Introduction to Global Health Equity

Class # 15527

Lecture: Tu/Th 12-2pm

Discussion: F 12-2pm or 2-4pm

3 units - maximum enrollment 40 students

Fulfills Social & Behavioral Sciences Breadth Requirement. No prerequisites.

Faculty:

Dr. Phuoc Le, MD, MPH ple@berkeley.edu | 415-476-4812

Visiting Faculty:

Dr. Sriram Shamasunder, MD Ms. Sangeeta Tripathi, MPP

Course Description

Public Health 115 aims to serve as a toolkit for students who are interested in learning how to build their capacity to create social change for local and global health justice.

Students will learn about the historical and theoretical underpinnings of global health, how social determinants affect medical outcomes and health policy, the principles of international law and health economics, and the structure of health delivery models. In this process, students will engage in topics related to social factors that impact health, including class, race, gender, and poverty. Class discussions will address contemporary global health priorities through the lens of human rights activism.

Major themes:

- 1) Frameworks of Global Health Equity
- 2) Sociology of Medicine/Health Care
- 3) Global Health Governance
- 4) Contemporary Priorities of Health Inequity

Objectives: By the end of the course, students will be able to...

- Think critically about and articulate the history, pathology, and causation of contemporary global health inequity
- Utilize basic research methods and work collaboratively in a team setting to complete a group case project
- Formulate comprehensive and equitable policy recommendations on global health cases
- Critically analyze and critique key grassroots global health advocacy efforts and models

Summer Session D: Psych 5 – Technology vs. Psychology

PSYCHOLOGY

Berkeley Summer Sessions

2020



Technology vs. Psychology: The Internet Revolution and the Rise of the Virtual Self

Psych 5

Course Description:

Online alter egos are stronger and sexier but also angrier, more impulsive, and less ethical. Psychological damage stems from the lack of privacy. Tech also contributes to wellbeing and new treatments.

> Session D: July 6 - August 14 M W | 5:00 PM - 7:30 PM | 2 Units | VLSB 2060 Class #12562

Expanded financial aid, loans, and scholarships available!

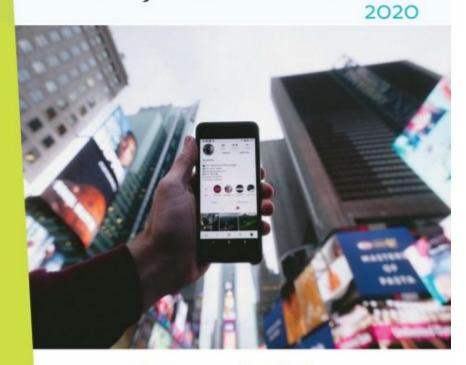
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Summer Session D: Psych 7 – The Person in Big Data

PSYCHOLOGY

Berkeley Summer Sessions



The Person in Big Data

Psych 7

Course Description:

Principles & methods of personality & social psych applied to modern society—the collection & analysis of social "big data." Learn the ways it has been defined, collected, and utilized, as well as fundamental concepts.

Session D: July 6 - August 14 M W | 2:30 PM - 5:00PM | 2 Units | DWIN 145 Class #12417

Expanded financial aid, loans, and scholarships available!

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Summer Session D: Psych 18 – Contemporary Issues in Organizational Psychology

PSYCHOLOGY

Berkeley Summer Sessions



Contemporary Issues in Organizational Psychology with a Focus on Leadership and Creativity

Psych 18

Course Description

Explores topics of industrial and organizational psychology: models & requirements, performance & motivation, satisfaction & positive psych, teams & safety, leadership & culture, creativity & innovation.

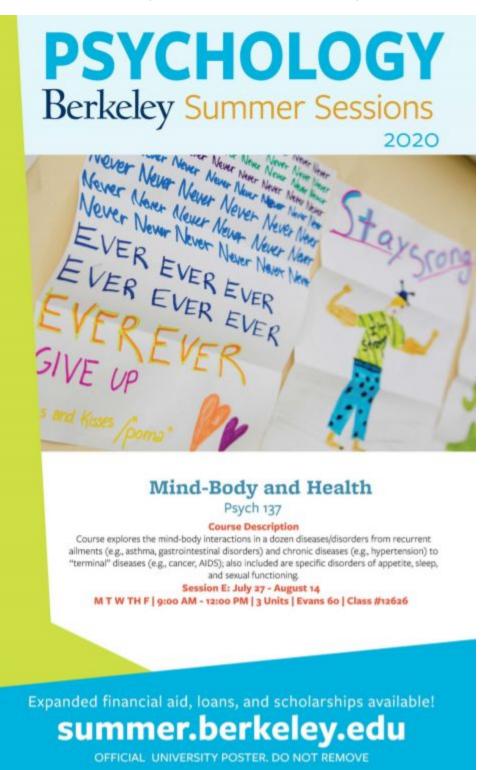
Session D: July 6 - August 10 T TH | 4:00 PM - 6:30 PM | 2 Units | VLSB 2060 | Class #15276

Expanded financial aid, loans, and scholarships available!

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Summer Session E: Psych 137 – Mind-Body and Health



Summer Session E: Psych 138 – Global Mental Health

PSYCHOLOGY

Berkeley Summer Sessions



Global Mental Health Psych 138

Course Description

Global mental health seeks to alleviate suffering caused by mental disorders globally. Since the majority of mental health resources are concentrated in high-income countries, we focus on the mental health burden in low-resource settings. This course integrates the scientific evidence, cultural and contextual nuances, and interdisciplinary approaches of global mental health.

> Session E: July 27 - August 14 M Tu W Th F | 1:00 PM - 5:00 PM | 3 Units | Class #13087 MULF159

Expanded financial aid, loans, and scholarships available!

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Summer English Language Studies: Sessions B, D & E

2020 Summer English Language Courses for Multilingual Students

Refine your academic English!

Earn UC Berkeley credit!

Enroll on CalCentral. For more information, go to http://summerenglish.berkeley.edu

ColWrit Online Courses

2 units, P/NP, July 6 - Aug 14

Taught entirely over the internet.

- W3A: Academic Writing
- W3B: Business English: Oral Communication
- W3D: Introduction to the U.S. Legal System
- W3E: Legal English: Listening and Speaking
- W3G: Grammar and Vocabulary
- W3I: Introduction to Technical Writing
- W200: Writing for Academic Publication*
 - * meets Session B: June 8 Aug 14

ColWrit 5 and 9

3 units, graded or P/NP, July 6 to Aug 14

Friday/weekend fieldwork projects

- 5C: Fim
- 5D: Literature
- 53: Popular Music
- 5F: International Human Rights
- 5K: Media
- 5N: Designing Public Spaces
- 5P: Makerspace Creativity: Craft and Technology
- 9A: Academic Research
- 9C: Academic Writing
- 9E: Business English
- 9I: Conflict Resolution
- 9J: Academic Language and Writing Style
- 9N: Legal English and U.S. Law
- 90: Legal Writing
- 9R: Academic and Public Speaking

- 9S: Pronunciation
- 9V: Science and Engineering
- 9Y: Creative Writing

ColWrit 6

2 units, P/NP, July 27 - Aug 14

- 6A: Academic Speaking
- 6B: Academic Vocabulary
- 6C: Business Vocabulary
- 6E: Grammar and Editing
- 6G: Writing for Digital Media
- 6H: Writing Creative Non-Fiction
- 6I: English through Conflict Resolution
- 6J: Academic Test Preparation
- 6K: Academic Reading and Writing
- 6L: Job Searching and Networking
- 6M: Graduate School Admissions & Expectations
- 6N: Art & Design
- 6P: Pronunciation
- 6Q: Alternative Dispute Resolution
- 6R: Speaking through Performance

Global Public Health Minor Summer 2020 Courses



UC Berkeley Summer 2020 Global Public Health Minor or Certificate Courses

We are currently in the midst of a **global** public health emergency. At least 152 countries have confirmed cases of COVID-19. It has never been more apparent than **now** that careers and expertise in global public health settings are crucial to the health and well-being of our communities.

The UC Berkeley undergraduate summer minor/certificate program in Global Public Health is alive and well and adapting to this changing global health environment. All summer minor/certificate courses for sessions A and D will be offered remotely. There may be opportunities for students to attend some classes on Campus in session D, but this is currently unknown. All courses will have synchronous (live/real-time instruction) during the scheduled time in the course catalog. There may also be asynchronous (offline instruction) components. The summer minor/certificate can be completed in one or two summers.

The Global Public Health minor is now offered to UC Berkeley Public Health majors. We are also excited to share that all global public health minor/certificate courses will incorporate COVID-19 or pandemic-related content.

Please visit our website, https://publichealth.berkeley.edu/academics/undergraduate/global-publichealth/, or contact Program Advisors, Kimberly Henderson and Patricia Cruz, at sphug@berkeley.edu, for additional information.

There has never been a better time to get involved in global public health, so please join us!

Summer Session A (May 26 - July 2)

PBHLTH N112 Global Health: A Multidisciplinary Examination Lecture: T, W, TH 2pm-4pm Discussion: T, W, TH 4pm-6pm

PBHLTH 118 Nutrition in Developing

Countries

Lecture: M, W 9am-1pm

PBHLTH 150B Introduction to Environmental Health Science Lecture: M, T, W, TH 12pm-2pm

PBHLTH 150D Introduction to Health

Policy & Management

Lecture: M, T, W, TH 10am-12pm Discussion: F 10am-12pm

PBHLTH 196 War & Public Health

Lecture: T, TH 4pm-7pm

Summer Session D (July 6 - August 14)

PBHLTH 115 Introduction to Global Health Equity

Lecture: T, TH 12pm-2pm Discussion: F 12pm-4pm

PBHLTH 142 Introduction to Probability and

Statistics in Biology & Public Health Lecture: M, T, W, TH, F 9:30am-11am Discussion: M, T, W 11am-12pm Lab: TH, F 11am-12pm

PBHLTH 155B Women's Global Health &

Empowerment Lecture: M, W 11 am-2pm

PBHLTH 162A Public Health Microbiology

Lecture: M, T, W, TH, F 8am-10am

PBHLTH 250A Epidemiologic Methods

Lecture: M, T, W, TH 2pm-5p

Monday (M), Tuesday (T), Wednesday (W), Thursday (TH), Friday (F)

Please visit our website,

https://publichealth.berkeley.edu/academics/undergraduate/global-public-health/