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Course Opportunities: Week of March 9, 2020

Summer Session A: EPS – Earthquakes in Your Backyard

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

or

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

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Summer Session A: EPS – Environmental Earth Sciences

Course Description: This course focuses on the processes on and in the earth that shape the environment. Humanity’s use of land and oceans is examined based on an understanding of these processes.

Summer Session A - Six-Week Session: May 26 - July 2
M W 1:00PM - 4:30PM | Course #12934 | 3 units
or
Summer Session D - Six-Week Session: July 6 - August 14
M W 1:00PM - 4:29PM | Course #12124 | 3 units

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Course Opportunities: Week of March 9, 2020

Summer Session A: EPS – Introduction to Oceans

INTRODUCTION TO OCEANS
Earth and Planetary Science N82

Course Description: The geology, physics, chemistry, and biology of the world oceans. The application of oceanographic sciences to human problems will be explored through special topics such as energy from the sea, marine pollution, food from the sea, and climate change.

Summer Session A - Six-Week Session: May 26 - July 2
T Th 1:00PM - 4:00PM | Course #12125 | 3 units

or

Summer Session D - Six-Week Session: July 6 - August 14
T Th 1:00PM - 4:00PM | Course #12711 | 3 units

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Course Opportunities: Week of March 9, 2020

➢ 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

Tours of robotics research at UC Berkeley

Anthropological studies of prosthesis

Maga

Contemporary artists pushing the boundaries of our imagination

Critical examinations of robots, racism, and sexism

To think about human-robot relations, we must question taken-for-granted assumptions about “the human” itself. We often assume “the human” to be unchanging, universal, and clearly demarcated from the “non-human.” Can we assume a strict boundary between human and machine, given prosthesis, medical devices, and myriad other ways in which fleshy bodies intertwine with diverse materials? If not, how might this change our vision of social interactions?

At the end of the course, students will choose between writing a traditional paper or writing a plan for a robot they would like to see in the world. How might you design a robot that fights racism in artificial intelligence systems? Or one that combats disinformation campaigns? How will this robot co-exist with, or reshape, "the human"?
Artists, engineers, and scholars often fall somewhere between two poles; robots are creatures, not things. Or robots are things, not creatures. By the end of this course, students will better understand both of these perspectives. However, we also ask, is it possible to sidestep this polarity as we envision alternative possible worlds?
Summer Session C: EPS – The Water Planet

Course Description: An overview of the processes that control water supply to natural ecosystems and human civilization. Hydrologic cycle, floods, droughts, groundwater. Patterns of water use, threats to water quality, effects of global climate change on future water supplies. Water issues facing California.

Summer Session C - Eight-Week Session: June 22 - August 14
M W F: 2:00PM - 3:59PM
Course #12549 | 3 units

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Course Opportunities: Week of March 9, 2020

➢ Summer Session C: EPS – Earth and Planetary Science W12

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

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Course Opportunities: Week of March 9, 2020

- **Summer Session D: EPS – Earth’s Greatest Volcanic Eruptions**

  **Course Description**: A science-based course on the most significant eruptions Earth has produced. Most eruptions discussed will be from within historic time and will involve information from geology (volcanology), geography, archaeology, history, art, and paleoenvironmental records such as tree-rings and ice-cores. After a two-class introduction to volcanoes, volcanic activity, and volcanology, and the hazards vs benefits of eruptions, each class will feature one of more eruptions of different types from around the world. A science-based interpretation of the eruptions and effects on human-kind and the environment, will be presented. Class participants will learn about one type of natural hazard, its causes, and the variability of volcanism on Earth.

  **Summer Session D - Six-Week Session: July 6 - August 14**
  M W F 10:00AM - 12:59PM
  Course #14978 | 3 units

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Course Opportunities: Week of March 9, 2020

➤ 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

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Course Opportunities: Week of March 9, 2020

- Summer Session D: Psych 7 – The Person in Big Data
Course Opportunities: Week of March 9, 2020

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

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

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

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Course Opportunities: Week of March 9, 2020

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

**Mind-Body and Health**
Psych 137

**Course Description**
Course explores the mind-body interactions in a dozen disease/disorders from recurrent ailments (e.g., asthma, gastrointestinal disorders) and chronic diseases (e.g., hypertension) to "terminal" diseases (e.g., cancer, AIDS); also included are specific disorders of appetite, sleep, and sexual functioning.

**Session E: July 27 - August 14**
M T W TH F | 9:00 AM - 12:00 PM | 3 Units | Evans 60 | Class #12626

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Summer Session E: Psych 138 – Global Mental Health

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 | 11:00 PM - 5:00 PM | 3 Units | Class #13087
MULF159

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Course Opportunities: Week of March 9, 2020

➢ Summer Abroad in Mexico City! Ethnic Studies 180, 2/6, 2/13, 3/15

BERKELEY SUMMER ABROAD
Program Dates: June 28th - August 1st, 2020

Mexico City

Ethnic Studies 180 (6 Units)
This course offers students the opportunity to critically engage with issues, topics, and enactments of gender and sexuality as they intersect with art and performance movements in Mexico City.

Program Director: Elisa Diana Huerta, PhD
Program Assistant: Omi Salas-Santacruz

Info Sessions:
Feb. 8th, @ 1pm • Feb. 13th, @ 3pm
@ MCC (220 MLK Jr. Student Union)

Application Due: March 15, 2020
Open to all UC Students
Scholarships Available

Course Opportunities: Week of March 9, 2020

➢ Forestry Summer Minor, 3/23/20 Deadline

Berkeley
College of
Natural Resources

FORESTRY CAMP
June 21-August 14

Forestry Camp is an 8 week field program in the Sierra Nevada that provides an introduction to the scientific and professional dimensions of forest and wildland resource management. It consists of 4 courses covering: fire, landscape, and wildlife ecology, forest & grassland entomology, GIS, forest microbes, fish ecology, methods to inventory forests, and Mountain Maidu restoration practices.

* Room and board is supported by alumni donations *

Visit our website at https://forestrycamp.berkeley.edu

➢ Summer Abroad in London! Shakespeare and the Arts

The English Department invites you to take our very own Summer 2020 Education Abroad Program course, "Shakespeare and the Arts in London," where students can experience the cultural heart of London, from Renaissance art to Shakespeare plays. This program takes full advantage of its location, with field trips to iconic London landmarks including Shakespeare’s Globe Theater, the British Museum, and the National Gallery. This course will be taught by UC Berkeley English Professor Charles Altieri, the Rachael Anderson Stageberg Professor of
Course Opportunities: Week of March 9, 2020

English. One of Berkeley’s most distinguished humanists, Professor Altieri is a world-renowned scholar working at the intersection of literature, art, and philosophy.

**July 7 to August 10.**
This 6-unit course fulfills the Literature and Arts breadth requirement and the International Studies breadth requirement, and this course will automatically count as an elective for the major*

**The application deadline is March 15. To apply, click here.**

▶ **Summer English Language Studies: Sessions B, D & E**

All courses are credit-bearing and count toward financial aid workload. Visit [http://summerenglish.berkeley.edu/courses/](http://summerenglish.berkeley.edu/courses/) or email summerenglish@berkeley.edu for questions.