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Course Opportunities: Week of May 18, 2020

Summer Session A: African American Studies

AAS 159.1: Flies in the Buttermilk: Food, Hunger, and Power in the African Diaspora

“Flies in the Buttermilk” draws from interdisciplinary approaches in African & African American Studies, Food Studies, Gender & Sexuality Studies, and Literary Studies to examine powerful ways that peoples of the African Diaspora have disrupted Eurocentric classifications of food & foodways across broad expanses of space and time. Employing Humanities-driven approaches that consider not only material, but also symbolic meanings of food as critical to our examinations, the course takes-up (to soundly clarify) topics such as, for instance, European appropriation & exploitation of African agricultural practices in the Atlantic World; trans-national affects of anti-black classism, racism, and sexism on heteronormative definitions of “women’s work” and “women’s labor” in domestic spaces; the, decidedly, uncomfortable beginnings of Soul Food in relation to its fraught status as a cuisine of “comfort” food; and, finally, the complex nature of both physical and metaphysical forms of hunger unique to global populations of African Diaspora peoples still ravenous for liberty during varied occurrences of long freedom struggles.
Summer Session A: Cognitive Science

COGSCI N1: Introduction to Cognitive Science - Class #: 13101
Prerequisite / Lower Division Course for CogSci
Meets Social & Behavioral Sciences, L&S Breadth
- 3 units
- Taught by Linda Isaac
- Summer Session A: May 26 - July 2
- TU, W, TH: 10:00 am - 12:29 pm

This course introduces the interdisciplinary field of cognitive science. Lectures and readings will survey research in such fields as artificial intelligence, psychology, linguistics, philosophy, and neuroscience, and will cover topics such as the nature of knowledge, thinking, remembering, vision, imagery, language, and consciousness. Sections will demonstrate some of the major methodologies. This course is a core prerequisite for the Cognitive Science major and therefore must be taken for a letter grade.

COGSCI 170: Brain Damage - Class #: 15239
Fulfills the Cognitive Neuroscience distribution or can count as an elective
- 3 units
- Taught by Linda Isaac
- Summer Session A: May 26 - July 2
- TU, W, TH: 1:30 pm - 3:59 pm

This course introduces students to the full range of brain damage causes, which are: traumatic brain injury (TBI) - civilian vs. military, chronic traumatic encephalopathy (CTE), stroke, tumors, infections, hypoxia, addiction, neurological, and congenital conditions. We understand how brain damage caused by each condition leads to localized and non-localized deficits in the key functions comprising cognition, emotion, physiology, social skills, behavior, and daily functioning capacity. Key co-occurring disorders are covered that present due to the fundamental brain damage causes.

COGSCI 182: The Cognitive Psychology of Concept and Idea Formation - Class #: 15309
Fulfills the Cognitive Psychology distribution or can count as an elective
- 3 units
- Instructor TBA
- Summer Session A: May 26 - July 2
- M, TU, W, TH: 4:30 pm - 6:29 pm
This class will explore cognitive psychology and some neurological processing related to cognition and the formation and use of “ideas” or “concepts.” We will discuss the modeling of idea and concept formation, the structures of memory, reasoning and problem solving, and meta-cognition, among others.

**Summer Session A: Earth & Planetary Science**

**EPS 20 - Earthquakes in Your Backyard**

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

Expanded financial aid, loans, and scholarships available!

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**EPS 80 - Environmental Earth Sciences**
Course Opportunities: Week of May 18, 2020

EPS N82 - Introduction to Oceans
Course Opportunities: Week of May 18, 2020

**Summer Session A: History**

N100.004 Lady Killers: Female Perpetrators of Genocide**
This course offers a multidimensional approach to the study of female perpetrators of genocide. Students will examine case studies of females’ roles as mass murderers, killers, and instigators of genocide. We will also scrutinize how female violence is discussed in popular society and how violent women are often framed as mothers, monsters, or whores instead of competent killers.

158D History of Fascism
Fascist governments enacted policies through violent and confident self-assertion of a “leader” and uniformed followers. This course seeks to untangle the paradoxical developments that drove exclusionary and inclusionary politics that in turn galvanized mass murder, genocide, and crimes against humanity.

Note: The N100 classes are two units, all the rest are four units.
*Course satisfies American Cultures requirements
** 2-unit course. Does NOT satisfy a history major requirement.

**Summer Session A: Molecular & Cell Biology**

**MCB W61 - Brain, Mind, and Behavior**
Course Description: This course deals with the structure and function of the human nervous system, with an emphasis on how brain physiology and chemistry are related to human behavior. This is a comprehensive introduction to the exciting field of contemporary neuroscience for students of all backgrounds and interests, including those from the humanities and social sciences, as well as physical and biological sciences.

- Meets Biological Science, L&S Breadth Requirement
- Meets Social & Behavioral Sciences, L&S Breadth Requirement

Summer Session A
Six Weeks: May 26-July 2
ONLINE CLASS  |  Course #12275  |  3 units

SEE COURSE LISTING

summer.berkeley.edu
Summer Session C: African American Studies
AAS W111 – Race, Class and Gender

A focus on patterns of globalization, migration, and race/ethnic relations with regard to African Americans, Mexican Americans, and Asian Americans in the 1890s and 1990s. Key aspects like economics, politics, gender, and culture are examined. This course is web-based.

Summer Session C: Comparative Literature
Com Lit 156AC – Sounding American
Course Opportunities: Week of May 18, 2020

Com Lit W60AC – Boroughs and Barrios
**Summer Session C: History**

158C Modern Europe: Old and New Europe, 1914-Present
The twentieth century was the most devastating in the history of Europe. This course surveys the major developments that led to the wars and revolutions for which the century is famous. It stresses the supreme importance of the commanding actors on the political stage as the century unfolded.

**Summer Session C: Integrative Biology**

**IB 141 - Human Genetics**
Course Description: Principles of inheritance, especially as applied to human traits, including molecular aspects of genetics, the genetic constitutions of populations, and questions of heredity/environment.

Session C - Eight-Week Session: June 22-August 14
M, TU, W, TH | 10:00 - 11:30 a.m. | Course #:12206 | 3 units
Course Opportunities: Week of May 18, 2020

IB 31 - Ecology and Evolution of Animal Behavior
Ecology and Evolution of Animal Behavior

**INTEGRATIVE BIOLOGY - 31**

**Course Description:** Principles of evolution biology as they relate to animal behavior and behavioral ecology with broad coverage of animal groups. Special attention will be paid to the emerging discipline of behavioral ecology.

- Meets Biological Science, L&S Breadth

**Session C - Eight-Week Session: June 22-August 14**
M, W  | 10:00 a.m. - 12:00 p.m.  | Course #12741  | 3 units

**summer.berkeley.edu**

IB 131 - General Human Anatomy
Course Opportunities: Week of May 18, 2020

General Human Anatomy
INTEGRATIVE BIOLOGY - 131

**Course Description:** The functional anatomy of the human body as revealed by gross and microscopic examination.

- Meets Biological Science, L&S Breadth

**Session C - Eight-Week Session: June 22-August 14**
M, W, F | 12:00 - 2:00 p.m. | Course #12202 | 3 units

[See Course Listing]

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**Summer Session C: Slavic Languages & Literatures**

**Slavic 50 - Intro to Russian/East European/Eurasian Cultures**
Course Opportunities: Week of May 18, 2020

Summer Session C: Earth & Planetary Science

EPS 3 – The Water Planet
EPS W12 – The Planets
Summer Session D: African American Studies

AAS 125AC - The History of The Modern Civil Rights Movement
The objective of this course is to examine the modern Civil Rights Movement. As traditionally understood, this period began with the May 17, 1954, “Brown vs. Board of Education” Supreme Court decision and ended with the passage of the Voting Rights Act of 1965. This course will expand this time frame and seek to place this movement in the context of global developments and the broad sweep of United States History. Assigned readings consist of historical and autobiographical texts. Lectures will contextualize the readings by placing the material and its significance within the overall history and culture of Americans. Visual media will augment the lectures.
AAS 159.3
MTWTh 10-12PM | Class #15051 | Session D
Instructor: Ricky Vincent

This course is an interdisciplinary analysis of the aesthetics and politics of black popular music since WWII with an emphasis on the “Black Awakening” of the 1960. The many great changes in black music, from Swing to Bop to Rhythm and Blues, through Soul, Rock, Funk, Reggae, Disco and Hip Hop are analyzed in terms of their expressions of African America beliefs and values, both traditional and contemporary. Students will come to understand the many aesthetic links between popular music, politics and culture, and the relationship to national identity and the struggle for freedom and self-determination.
Reading and Writing a Black Feminist Creative Practice of Care engages theories and methods of radically creative Black feminism by centering scholars like Alice Walker, Audre Lorde, June Jordan, Toni Cade Bambara, Toni Morrison, Lucille Clifton, and Sonia Sanchez. The course is designed to explore the ways in which Black women writers and thinkers have conceptualize creativity and care, with a particular focus on interiority, intimacy, spirituality, and sisterhood. We will read canonical texts and lesser known texts that deal with the complexes of Black life for Black women in a variety of time periods, in a variety of places. We will also explore contemporary works by Black women who are in conversation with these canonical works and think about what new discourses around these topics have emerged. I will expose students to theories of intersectionality through creative writing, and explore new ways of leaning into the creative works of Black women as theory and method. Students will engage their own process of writing poetry and prose about the influences of race, class, gender and sexuality by making connections between the texts and their lived realities. There will be three major assignments that will be graded based on how well students can conceptualize course themes for themselves and incorporate their knowledge into projects that align with their own interests rooted in course material.

Summer Session D: Cognitive Science

COGSCI 181: The Cognitive Unconscious - Class #: 15310

*Fulfills the Philosophy or Society, Culture, and Cognition distribution, or can count as an elective*

*Meets Philosophy & Values, L&S Breadth*
Course Opportunities: Week of May 18, 2020

- 3 units
- Instructor TBA
- Summer Session D: July 6 - August 14
- M, TU, W, TH: 4:00 pm - 5:59 pm

This class is on the cognitive unconsciousness. This is the unconscious mind from a cognitive science point of view rather than one from psychoanalysis (though we will briefly touch on the psychoanalytic notions of the unconscious to clarify the distinction). The basic guide will be asking whether there is explanatory value to explaining human behavior with mental states or events that are not conscious to the person who has them. We say, for example, that a person flinched because they felt pain. Pain is a mental state that can explain the behavior (the flinch) of the person. Are there good reasons to think that some behaviors are explained by unconscious mental states?

**Summer Session D: Earth & Planetary Science**

**EPS 10 – Earth’s Greatest Volcanic Eruptions**
Summer Session D: Geography

GEOG 31: Global Geographies of Imperialism
GLOBAL GEOGRAPHIES OF IMPERIALISM
SUMMER SESSION D (JULY 6 – AUGUST 14)

Focusing on the twentieth century into the present moment, this survey course explores global geographies of imperialism and hegemonic transitions. What drives imperialism? Are militarism and war inherent to global capitalism? How do historical relations of colonialism relate to uneven capitalist development today at the global scale? The course introduces key theories and debates on the topic of imperialism and explores the themes of race, gender, territory, development, resource extraction, finance, and militarism.

GEOG 32 (3 Credits)
Instructor: Bridget Martin (Martb244@berkeley.edu)
Times: Tues, Weds, Thurs 9:00 – 11:30 (Most lectures are asynchronously provided. Synchronous meeting times will be determined after the first class meeting.)

All students are welcome! Contact the instructor for details.

GEOG 114: Thinking Globally, Acting Regionally: Geographies of Climate Change
GEOG 114 001

Thinking Globally, Acting Regionally: Geographies of Climate Change

Interested in the climate debates? In environmental justice? In action in service to making the world, one community at a time, a better place?

This course engages all fields of inquiry and forms of evidence in the geographies of climate change. Course topics include impacts on human and biophysical systems; mitigation and adaptation; global, regional and local policy efforts; gender and climate; environmental justice and human rights.

We’ll use common writing and research strategies to examine the above topics. We’ll also focus on the arguments, evidence, and rhetorical strategies that climate skeptics use. Open to non-majors.

For more info, contact the instructor, John Isom: isom@berkeley.edu

Open to majors in the humanities and social sciences.

GEOG 138: Global Environmental Politics
Geography 138: Global Environmental Politics

July 6 – August 14: TU/W/TH 9:00 am - 11:30 am
Instructor: Erin Torkelson

- Read texts from scholars and activists writing from within environmental struggles around the globe.
- Examine the colonial, imperial and capitalist circuits of global environmentalism.
- Analyze how post/de-colonial struggles politicize relations among environmental resources, rights and cultural identities.

South Africans protest against an Australian titanium mine, Xolobeni, Wild Coast, 2018.

GEOG 170: Walkers in the City: Landscape, Mobility and Everyday Life
Walkers in the City: 
Landscape, Mobility, and Everyday Life

Geography 170  
Instructor: Dr. Peter Ekman  
Summer Session D (from July 6)  
CCN: 15722  
TTh 3:00–5:30

Thinkers across the disciplines address themselves to matters of embodiment, materiality, and mobility. There is a long and varied tradition concerned with how these matters intersect questions of urban landscape, laced with openings and leads onto urban geographies that have yet to be written. This course invites students to reassess walking as a way of knowing, and to recommit to what Walter Benjamin, wandering through Paris and Berlin a century ago, semi-famously called “botanizing on the asphalt.”

Throughout, we consider how the very ordinariness of walking can update or undo some of the major categories—humanists, social scientists, and practitioners—use to make sense of urban space, place, politics, power, economy, culture, and the axes of organized difference that freight and fracture them. How to adjust our sense of landscape’s materiality given that every observer, lay or expert, is in some sense on the go? How to interpret the interactions between walking bodies and those urban spaces built to accommodate ever more mechanized technologies of getting around? Between organic and inorganic matter more generally? Matter and mind? Methodologically speaking — and critically reprising older notions of the transect, the cross-section, and the regional survey — how might a concern with pedestrian and other mobilities accompany urban and spatial theory? What new forms of engagement might it allow with the archives of urban history?

This course will be run as a seminar, punctuated once a week by lectures. As befits the subject matter, it may also include one or more exercises in self-directed field study — solitary walks through the “socially distanced” city — with brief but closely observed essays the result. Students will also read and react to one another’s writing.

Summer Session D: Global Poverty & Practice

*Offered Online in Summer 2020*
**GPP 115 - Global Poverty: Challenges and Hopes**
4 Units
Summer Session D: July 6 - August 14
Tu, W, Th 12:30 pm - 2:59 pm

* Meets Social & Behavioral Sciences, L&S Breadth
* Meets International Studies, L&S Breadth

In this course, students will participate in the key theoretical debates about global poverty and inequality. The course will teach students about different models of poverty alleviation and methods for evaluating such models and practices. Students will take a look at popular ideas of poverty alleviation, the institutional framework of poverty ideas and practices, and the social and political mobilizations that seek to transform the structures of poverty.

This is the introductory course for the [Global Poverty and Practice Minor](http://summer.berkeley.edu/apply), but is open to all students.

Sign up at [http://summer.berkeley.edu/apply](http://summer.berkeley.edu/apply)

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**Summer Session D: History**

**N100.002 Whose Rights? Citizens and Citizenship in American History**
What does it mean to be an American citizen? What are U.S. citizenship rights? Do citizenship rights mostly serve to expand access to the public sphere and the political economy among diverse citizens or to restrict access on the basis of nationality and immigrant status? And how have these questions changed over the nearly two and a half centuries-long existence of the American Republic?

**N100.003 History of Silicon Valley**
Silicon Valley: the place where our quotidian is manufactured. The Hollywood of the digital, it’s the literal ground upon which new forms of relating, learning, and consuming are invented, tested, codified, packaged, and disseminated until we’ve reconfigured our “natural” and given environment again and again.

**116D 20th Century China**
This course examines the origins of present-day China in its twentieth-century past. China’s most recent century was a period of dramatic upheaval and fundamental transformation, the outcomes of which were far from inevitable.
160 International Economy of the 20th Century
This course looks at the massive economic and social changes that shaped the 20th century. As a compass that guides us through the century we will use the work of the Austro-Hungarian economic historian Karl Polanyi who in mid-century published the seminal book The Great Transformation.

*Course satisfies American Cultures requirements
** 2-unit course. Does NOT satisfy a history major requirement.

Summer Session D: Molecular & Cell Biology

MCB 63 - Introduction to Functional Neuroanatomy
Summer Session D: Psychology

Psych 3 – Introduction to How the Brain Works

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 4 – Emotional Intelligence

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 6 – Stress and Coping

All Psych summer courses will now be online. Visit the [academic guide](#) for our course offerings!
Psych 136 – Human Sexuality

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 139 – Case Studies in Clinical Psych

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 166AC – Cultural Psych

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych N180 – Industrial-Organizational Psychology

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 137 – Mind-Body and Health

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Psych 138 – Global Mental Health

All Psych summer courses will now be online. Visit the academic guide for our course offerings!
Course Opportunities: Week of May 18, 2020

Summer Session D: Rhetoric

"Fundamentals of Public Speaking"— Online, Summer Session D
Rhetoric 2 | D | CCN: 12518
Instructor: Michael Dalebout
M/W/F 1:00pm-3:30pm | 4 Units

This course is an online workshop in which students cultivate their own speaking style while developing strengths in skillful communication with diverse audiences in a variety of situations through multiple media. During the six-week term, students will engage in activities designed to foster their skills in written self-presentation, online visual and audio performance, and face-to-face encounters via streaming and collaborative technologies. By interacting individuals and groups online, students will exercise their ability to communicate well within the online public sphere, using digital technologies to exercise techniques that translate to in-person, real world success, as well.

To promote the students’ exploration of themselves as public figures, we will explore the views of others who have considered the question of public speech, and who have engaged in public performance in a variety of contexts. The goal of this course is that students who begin with solid English reading and speaking comprehension skills will complete the course with 1) an enhanced capacity to successfully represent themselves and their perspectives in a variety of social circumstances, and 2) a refined sensitivity to how their self-presentation affects the lives of those around them.

This class will be taught via SYNCHRONOUS REMOTE INSTRUCTION.**
**Time conflicts are not allowed for this class.**
“Rhetoric of New Media”— Online, Summer Session D
Rhetoric 114 | D | CCN: 15203
Instructor: Ryan Ikeda
Tu/W/Th 10:00am-12:30pm | 4 Units

This course explores the effects of digital technology on human expression.

Our first approach examines our daily encounters with born-digital artifacts, such as memes, GIFs, tweets, snaps, emoji, and new media works of art. Our second approach investigates hidden, physical infrastructure that make new media possible, for example, the undersea fiber optic cable network or cloud storage facilities that connect, protect, and enable digital culture. Lastly, we will read essays on digital culture written by a few of its leading thinkers.

Rhetoric of New Media directs our reading, writing, speaking, and thinking practices toward the analysis of digital culture through a series of projects—a presentation, a seminar discussion, and an essay—through the following questions:

What aspects of digital culture do I find most compelling?
  ● How does digital technology change the way I know myself?
  ● In what ways do new media change the pace and scale of my social interaction?

At the end of the semester, students will have cultivated a strong foundation for the analytical and theoretical study of new media applicable across disciplines, including but not limited to CS, EECS, Cognitive Science, MCB, Rhetoric, Film/Media, Media Studies, English, Philosophy, and many other majors and minors.

*This course satisfies the History & Theory concentration in the Rhetoric major

This class will be taught via SYNCHRONOUS REMOTE INSTRUCTION.**

**Time conflicts are allowed for this class.**

“Rhetoric, Culture and Society”— Online, Summer Session D
Rhetoric 116 | D | CCN: 15205
Instructor: Tim Wyman-McCarthy
M/W/F 10:00am-12:30pm | 4 Units

The Bard, like Elvis, can leave the building but not our lives. Though Shakespeare lived over 400 years ago, his plays continue to resonate today across the globe. In addition to direct adaptations to stage and screen, ‘our’ Shakespeare comes to us in an assortment of guises: the plots of The Lion King and 10 Things I Hate About You, the language of Deadwood or quotations in Mad Men, and even the characters in video games. In this course we will explore some of the subtle and not-so-subtle manifestations of Shakespeare lurking on the cultural landscape today. Through readings, in-class activities, group
presentations, and a final essay, Rhetoric 116 will help you develop your interpretive and critical thinking skills. Working together, we will ask:

- How do modern and contemporary artists honor or subvert Shakespeare’s works?
- Why has Shakespeare managed to hang on to more than his share of fifteen minutes of fame while others have failed?
- What do adaptations of Shakespeare’s works tell us about our contemporary social, cultural, and political preoccupations?

By the end of the semester, you will have acquired tools for the critical analysis of culture and society relevant to a range of disciplines, including but not limited to English, History, Philosophy, Film/Media, Rhetoric, Performance Studies, and many others.

*This course satisfies the History & Theory concentration in the Rhetoric major.

This class will be taught via SYNCHRONOUS REMOTE INSTRUCTION.**
**Time conflicts are not allowed for this class.**

“Rhetoric of Contemporary Politics”— Online, Summer Session D
Rhetoric 150 | D | CCN: 15207
Instructor: Anooj Kansara
M/W/F 1:00pm-3:30pm | 4 Units

From conspiracy theories and climate change denial, to ‘fake news’ and targeted disinformation campaigns on social media, controversies about matters of fact animate politics today. Yet debunking and fact-checking alone do not seem adequate to the task. This course explores the idea that ours is a ‘post-truth politics’.

Together we will examine lying, skepticism, paranoia, mistrust, and expertise in politics today and the recent past. Alongside scholarly texts and essays, we will read and watch films on conspiracy narratives, analyze their rhetorical strategies, and evaluate the efficacy of attempts to debunk them. We will also investigate the rhetoric of climate-change denial as well as activist campaigns in opposition. The next approach of the course is to explore the effects different media forms have on ‘post-truth politics’; to that end, students will write about an episode of a Twitter controversy, discuss impeachment hearings as covered by different news channels, research political candidates’ social media campaigns, and assess efforts to regulate platforms like Facebook to protect against disinformation. We will then draw on cases from different countries to develop a comparative approach to these problems. In addition to these activities and
leading a seminar discussion, students will develop a final paper on a topic of their own choosing addressing our shared questions, which are:

- What is novel, historically, about today’s ‘post-truth politics’?
- How might we understand conspiracy narratives and their persistence as a way of making sense of the world?
- What is the positioning of the truth-claims of science and other expert discourses in politics today?

By the end of the term, students will have deepened their analytic, interpretive, and critical thinking and writing skills essential not only for a broad range of majors in the social sciences and humanities, but also for navigating the political terrain of today.

*This course satisfies the Public Discourse concentration in the Rhetoric major.

This class will be taught via SYNCHRONOUS REMOTE INSTRUCTION.**
**Time conflicts are allowed for this class.**

**Summer Session D: Freedom Summer 2020 - unique summer opportunity!**

Students will take a Social Movements, Organizing, & Policy Change course (AAS 182AC) to gain both real-life and theoretical grounding in social movements and organizing, and will use cutting edge relational voter engagement strategies in a field study course (AAS 197.1) to empower unlikely voters to exercise their democratic right to vote. Here is a very short promotional video from the American Cultures Center about the program. And here is the course webpage with more information.

**Summer Session E: Molecular & Cell Biology**

MCB N184 - Intro to CRISPR: From Basic Biology to Genome Editing Technology
**Course Opportunities: Week of May 18, 2020**

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**Intro to CRISPR: From Basic Biology to Genome Editing Technology**

**MOLECULAR AND CELL BIOLOGY - N184**

**Course Description:** This three-week course will address topics in genome editing and CRISPR-Cas9 research, including basic and enhanced CRISPR methods, cellular repair mechanisms, regulation of gene expression, bioinformatics, applications to various organisms, and bioethics. Students will learn from a collection of local experts about ongoing campus research, and gain the background knowledge to understand current publications and applications of genome editing.

**Session E - Three-Week Session:** July 27-August 14  
M, TU, W, TH  |  1:00 - 2:00 p.m.  |  Course #12829  |  1 unit

**SEE COURSE LISTING**

[summer.berkeley.edu](http://summer.berkeley.edu)

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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.
● 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: Film
● 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
● 9O: 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
Course Opportunities: Week of May 18, 2020

- 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

Summer 2020: Remote DES INV courses

All UC Berkeley summer courses will be taught remotely this summer. We are happy to confirm that we can offer all four of our scheduled DES INV courses remotely. Now you can learn about design in the comfort of your own home! The courses we are offering are below; learn more about them and get registration info [here](#).

- DES INV 190-10 Design, Cybersecurity & Mobility

If you're wondering what courses will be offered in Jacobs Hall in fall 2020, stay tuned for the [Jacobs course list](#) to be updated early next week. In the time being you can look up courses in the [Class Schedule](#).
Global Public Health Minor Summer 2020 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 minors/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-public-health/, 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 11am-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/
Berkeley Geography: Summer 2020 Sessions A & D

**SESSION A (MAY 26TH - JULY 2ND)**
- GEOG N20: Globalization
- GEOG N50AC: California
- GEOG N130: Food and the Environment

**SESSION D (JULY 6TH - AUGUST 14TH)**
- GEOG N4: World Peoples and Cultural Environments
- GEOG 31: Justice, Nature, and the Geographies of Identity
- GEOG 32: Global Geographies of Imperialism
- GEOG 70AC: The Urban Experience
- GEOG 107: Waste Matters: Exploring the Abject, Discarded and Disposable
- GEOG 108: Geographies of Energy: The Rise and Fall of the Fossil Fuel Economy
- GEOG 114: Thinking Globally, Acting Regionally: Geographies of Climate Change
- GEOG 138: Global Environmental Politics

For more information, contact Berkeley Geography: [https://geography.berkeley.edu](https://geography.berkeley.edu)

**Fall 2020 Big Ideas and Discovery Course websites are now live!**
Course Opportunities: Week of May 18, 2020

Please visit [L&S Big Ideas Courses](#) and [L&S Discovery Courses - Fall 2020](#) for more course information!
Fall 2020: Center for Jewish Studies Courses

**FALL 2020 COURSES**

**JS 39**
Multilingualism in Israel: Arabic, Hebrew, and Yiddish Literature Post-1948
- Wednesday 3:00pm–5:00pm
- Instructor: Oren Yirmiya
- CN: 33725, Units: 2
- Room: TBD

**JS 120**
Jewish Folklore
- Tuesday & Thursday 11:00am–12:30pm
- Instructor: Sarah Levin
- CN: 22185, Units: 3
- Room: Dwinelle 211
- Meets Arts & Literature breadth requirement.

**JS 121**
Introduction to Jewish Religion, Culture, and People
- Tuesday & Thursday 12:30pm–2:00pm
- Instructor: Ethan Katz
- CN: 3124, Units: 4
- Room: Hearst Field Annex B5

**JS 122**
Introduction to Jewish Mysticism
- Tuesday & Thursday 2:00pm–3:30pm
- Instructor: Tomer Persico
- CN: 25444, Units: 3 or 4
- Room: Barrows 252
- Meets Philosophy & Values, L&S Breadth
- Meets International Studies, L&S Breadth

**History of the Holocaust**
- Tuesday & Thursday 9:30am–11:00am
- Instructor: John Efron
- CN: 25983, Units: 4
- Room: Valley Life Sciences 2060
- Meets Historical Studies, L&S Breadth
- Meets Social and Behavioral Sciences L&S Breadth
- Counts towards Jewish Studies Minor

**MINORITY RIGHTS: THE ISRAELI BALANCE**
- Tuesday 5:00pm–8:00pm
- Instructor: Roy Peled
- CN: 16708, Units: 4
- Room: Latimer 102
- Counts towards Jewish Studies Minor

All JS courses count towards the minor in Jewish Studies.

For more information on other courses that satisfy the requirements for the minor in Jewish Studies, please consult the Center’s webpage: jewishstudies.berkeley.edu

4401 Dwinelle Hall • Berkeley Campus • Berkeley, CA 94720 • 510.664.4154 • jewishstudies.berkeley.edu
JS 120
Special Topics in Jewish Studies

- Curious about dybbuks, golems, genies (jinns)?
- Want to know the folktales Shakespeare used?

Jewish Folktales Around the World:
Past and Present, Self and Other

In this course, we’ll read a sampling of Jewish folktales and jokes from diverse Jewish communities (Moroccan, Polish, Kurdish, Indian, etc.), while exploring themes such as creativity and artistic expression. We’ll also address gender, individual and group identity and values, and stereotypes. Movies and guest storytellers will complement discussions. Students from all majors and backgrounds are welcome. Conducted in English with readings in English.

Tues & Thurs
11:00a to 12:30p
Dwinelle Hall 211
Class# 22185
3 Units

Professor
Sarah Levin

Satisfies Arts &
Literature breadth
requirement and
counts towards
Jewish Studies Minor

Image from Paul Klee, "Tempelgärten" (Temple Gardens), 1920. The Berggruen Klee Collection, 1987
Fall 2020 Classics Lower Division L&S Breadth Courses

- **CLASSICS 10A (crse# 21383)** - Intro to Greek Civilization
  - Fulfills the L&S breadth requirements in Arts & Literature, Historical Studies or Philosophy & Values.

- **CLASSICS 17A (crse# 21372)** - Intro to the Archaeology of the Greek World
  - Fulfills the L&S breadth requirements in Arts & Literature or Historical Studies.

- **CLASSICS R44 (crse# 21374)** - Roots of Western Civilization
  - Fulfills the L & S breadth requirement in Arts & Literature, Historical Studies or Social & Behavioral Sciences.
  - Fulfills Reading and Composition Requirement either A or B

**Fall 2020: ENRES 131 - Data, Environment and Society**
Data, Environment and Society
Fall, 2020
Energy and Resources Group

ENERES 131
Professor Duncan Callaway (dcal@berkeley.edu)

This course will teach students to build, estimate and interpret models that describe phenomena in the broad area of energy and environmental decision-making. Students leave the course as both critical consumers and responsible producers of data-driven analysis.

The effort will be divided between (i) learning a suite of data-driven modeling and prediction tools (including linear model selection methods, classification and regression trees and support vector machines) (ii) building programming and computing expertise and (iii) developing capacity to formulate and answer resource allocation questions within energy and environment contexts.

We will work with Python, and students must have taken Data 8 before enrolling. The course is designed to complement and reinforce Berkeley’s data science curriculum, in particular Data 100.

The course can be used to satisfy the upper division domain emphasis for the Data Science major and minor, the engineering elective for Energy Engineering, and the upper division requirement for Energy and Resources Group minor.

Lecture (#27412) TT 9:30 – 11am

There will be two options for lab section, timing to be announced.

Required Prerequisites: Experience with statistics and computing in Python (CS C8/IS C8/ Stat C8 satisfies this) and college calculus. Direct questions to the instructor.

Recommended Preparation: An introductory computer programming course (Computer Science 61A or Computer Science 88) and Linear Algebra (Mathematics 54, EE16A, or Statistics 89A)

FOR MORE INFORMATION CONTACT: ENERGY AND RESOURCES GROUP
ergdesk@berkeley.edu * 510-642-1640 * 310 Barrows Hall
ER 131: Data, Environment and Society

Instructor: Duncan Callaway, dcal@berkeley.edu

Fall, 2020
4.0 Units

Lecture time and location: Tu/Th 9:30-11:00am, Barrows 60

Lab time and location: TBD
Office hours: TBD

Course Description

This course will teach students to build, estimate and interpret models that describe phenomena in the broad area of energy and environmental decision-making. The effort will be divided between (i) learning a suite of data-driven modeling approaches, (ii) building the programming and computing tools to use those models and (iii) developing the expertise to formulate questions that are appropriate for available data and models. Our goal is that students will leave the course as both critical consumers and responsible producers of data driven analysis.

We will work in Python in this course, and students must have taken Data 8 before enrolling. The course is designed to complement and reinforce Berkeley’s data science curriculum, in particular Data 100 (though D100 is not a prerequisite). Whereas Data 100 focuses on a very broad set of data science tools including modeling, web technologies, working with text, databases and statistical inference, this course focuses more on how to use prediction methods as decision-making tools in energy and environment contexts.

This is a four unit course, with three hours of lecture and two hours of lab section each week. Lectures will focus on theoretical and conceptual material but also introduce the programming structures required to use the material. Labs will be computer working sessions with a GSI and lab helpers available to work through weekly lab exercises.

Prerequisites

- (required) Foundations of Data Science (CS/INFO/STAT C8)
- (recommended) Computing: An introductory programming course (CS61A or CS88).
- Math:
  - (required) High school or college calculus.
  - (recommended) Linear Algebra (Math 54, EE 16a, or Stat89a).
Satisfaction of degree requirements

This course can be used to satisfy the following requirements.

- Upper division domain emphasis for Data Science major
- Engineering Elective for Energy Engineering
- Upper division requirement for Energy and Resources Group minor

Resources

- You will need your own computer, but virtually any operating system will do (OSX, Windows, Linux, Chromebook).
- We will draw some material from Berkeley’s Data 100 course book, freely available here: https://www.textbook ds100.org
- We will draw material from the excellent textbook, Introduction to Statistical Learning, available in both print and pdf form.
- We will do a variety of readings from peer reviewed journals and popular press.
- Lectures, readings, and solutions will all be available on the course github site: https://github com/duncancallaway/ER131_2020.
- You’ll complete all HW and lab assignments using Python, within Jupyter notebooks hosted on datahub.berkeley.edu.
- Links for assignments will be posted on bCourses. You’ll submit your work there, too.

Assessment

The course will have weekly labs and homework assignments, a mid-term and a final project. Grading will be as follows:

- Homework: 20%
  - There will be ten. We drop the lowest grade.
  - HW will be released on Thursdays and due the following Thursday.
- Lab assignments: 15%
  - There will be nine. We drop the lowest grade.
  - Released on Mondays and due the following Monday.
  - Attendance is 40% of lab grade, completing the lab is 60% of the grade.
- Grading will focus on completeness rather than correctness.
- Mid-term: 25% (November 19, in class)
- Final poster: 10% (the poster session will be December 17, 3-6pm)
- Final project: 30% (due December 18 at 6am)
Late policy:

- You may request up to two extensions of two days over the course of the semester. You may distribute those extensions as you wish over homework and lab assignments. Otherwise, we will not accept late homeworks and labs. Coordinate extension requests with the GSI.
- The poster must be presented during the poster session to receive credit.
- For the final project, we drop 10 points out of 100 for each day late, or roughly a full letter grade. Projects submitted after 11:59am on December 18, 2020 will not receive credit.

Working in groups

Homework and labs

You are encouraged to learn from one another by brainstorming solution strategies. However, the work you submit must clearly be your own. We will give zero credit for assignment submissions that are identical to one another. If you work with others, be sure to finish assignments on your own. Comments and markdown cells must clearly be your own.

Final project

You must work in groups of 2-3 for the final project. The final project writeup must include a statement describing each team member’s contributions and a statement that all team members agreed the division of labor was equitable.

Schedule

<table>
<thead>
<tr>
<th>Session</th>
<th>Day / Week</th>
<th>Topic</th>
<th>Methods Reading</th>
<th>Domain Reading</th>
<th>Homework assigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture 1</td>
<td>8/29/19</td>
<td>Course introduction</td>
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<tr>
<td>Lab 1</td>
<td>Week of 9/2/19</td>
<td>No lab - week of labor day</td>
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<tr>
<td>Lecture 2</td>
<td>9/3/19</td>
<td>Data design</td>
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<tr>
<td>Lecture 3</td>
<td>9/5/19</td>
<td>Pandas, variable types and file types</td>
<td>DS100 Ch3</td>
<td>Blei and Smyth</td>
<td>HW1: Getting started</td>
</tr>
<tr>
<td>Lab 2</td>
<td>Week of 9/9/19</td>
<td>Answer HW1 questions; Pandas</td>
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<tr>
<td>Lecture 4</td>
<td>9/10/19</td>
<td>Pandas, collect and data for HW2 (PM2.5)</td>
<td>Kleinberg et al; Athey.</td>
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<tr>
<td>Lecture 5</td>
<td>9/12/19</td>
<td>Merge, groupby, pivot</td>
<td>DS100 Ch4, 5</td>
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<td>HW2: Pandas, PM2.5 and fires</td>
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<tr>
<td>Lab 3</td>
<td>Week of 9/16/19</td>
<td>Answer HW questions; Exploratory data analysis</td>
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<tr>
<td>Lecture 6</td>
<td>9/17/19</td>
<td>Exploratory data analysis</td>
<td></td>
<td>Hino et al; Pelletier et al</td>
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<tr>
<td>Lecture 7</td>
<td>9/19/19</td>
<td>Visualization</td>
<td>DS100 Ch6</td>
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<td>HW3: EDA; Wildfire ignitions</td>
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<tr>
<td>Lab 4</td>
<td>Week of 9/23/19</td>
<td>Answer HW questions, visualization</td>
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<tr>
<td>Lecture 8</td>
<td>9/24/19</td>
<td>Intro to modelling, review regression</td>
<td>DS100 Ch 10; ISLR Ch 2</td>
<td></td>
<td>HW4: Visualization; renewable energy data</td>
</tr>
<tr>
<td>Lecture 9</td>
<td>9/26/19</td>
<td>Regression model, confidence intervals</td>
<td>ISLR 3.1</td>
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<tr>
<td>Lab 5</td>
<td>Week of 9/30/19</td>
<td>Basic modeling, KNN</td>
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<tr>
<td>Lecture 10</td>
<td>10/1/19</td>
<td>Multiple Regression; Land Use Regression</td>
<td>ISLR 3.2</td>
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<tr>
<td>Lecture 11</td>
<td>10/3/19</td>
<td>Regression wrapper, KNN</td>
<td>ISLR 3.3</td>
<td></td>
<td>HW5: regression</td>
</tr>
</tbody>
</table>
# Course Opportunities: Week of May 18, 2020

## Schedule

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Lab 6</td>
<td>Week of 10/7/19</td>
<td>Answer HW questions, regularization</td>
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<tr>
<td>Lecture 12</td>
<td>10/8/19</td>
<td>Gradient Descent</td>
<td>DSI100 Ch 11</td>
<td>Novotny et al</td>
<td>HW 6: Gradient descent; a &quot;theory&quot; homework.</td>
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<tr>
<td>No power!</td>
<td>10/10/19</td>
<td>(Campus closed, power outage)</td>
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<td>Lab 7</td>
<td>Week of 10/14/19</td>
<td>Answer HW questions; gradient descent</td>
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<tr>
<td>Lecture 13</td>
<td>10/15/19</td>
<td>Resampling</td>
<td>ISLR 5.1-5.2</td>
<td>Metz</td>
<td>HW 7 - Resampling; A &quot;theory&quot; homework</td>
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<tr>
<td>Lecture 14</td>
<td>10/17/19</td>
<td>Model selection and regularization</td>
<td>ISLR 6.1-6.2</td>
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<tr>
<td>Lab 8</td>
<td>Week of 10/21/19</td>
<td>Review resampling</td>
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<td>HW8 - Model selection applied to land use regr...</td>
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<tr>
<td>Lecture 15</td>
<td>10/22/19</td>
<td>Finish regularization</td>
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<tr>
<td>Lecture 16</td>
<td>10/24/19</td>
<td>Classification and regression trees</td>
<td>ISLR 4.1-4.3</td>
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<tr>
<td>Lab 9</td>
<td>Week of 10/28/19</td>
<td>Review classification</td>
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<tr>
<td>Lecture 17</td>
<td>10/29/19</td>
<td>Guest Lecture (Dan Kammen); Environmental justice</td>
<td>Sunter et al</td>
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<tr>
<td>Lecture 18</td>
<td>10/31/19</td>
<td>Wrap up EJ; wrap of regression trees</td>
<td>ISLR 8.1-8.2</td>
<td>Pastor</td>
<td>HW9 - Classification and regression trees with...</td>
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<tr>
<td>Lab 10</td>
<td>Week of 11/4/19</td>
<td>NaN</td>
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<tr>
<td>Lecture 19</td>
<td>11/5/19</td>
<td>Classification trees; boosting, bagging and ra...</td>
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<tr>
<td>Lecture 20</td>
<td>11/7/19</td>
<td>Support vector machines</td>
<td>ISLR 9.1-9.3</td>
<td>Badger</td>
<td>HW10 - Support vector machines with Cal Enviz...</td>
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<tr>
<td>Lab 11</td>
<td>Week of 11/11/19</td>
<td>No lab – week of veteran's day</td>
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## Schedule (Continued)

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<th>Day / Week</th>
<th>Topic</th>
<th>Methods Reading</th>
<th>Domain Reading</th>
<th>Homework assigned</th>
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<tr>
<td>Lecture 21</td>
<td>11/12/19</td>
<td>Guest lecture (Elinor Benami); Wrap up support...</td>
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<tr>
<td>Lecture 22</td>
<td>11/14/19</td>
<td>Exam Review through HW10 / Lecture 21</td>
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<td>Wattenberg et al</td>
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<tr>
<td>Lab 12</td>
<td>Week of 11/18/19</td>
<td>Exam Review through HW10 / Lecture 21</td>
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<td>Lecture 23</td>
<td>11/19/19</td>
<td>Exam</td>
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<tr>
<td>Lecture 24</td>
<td>11/21/19</td>
<td>Guest lectures (Evan Sherwin and Emma Tome)</td>
<td>Reading TBD</td>
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<td>Lab 13</td>
<td>Week of 11/25/19</td>
<td>Project check in</td>
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<tr>
<td>Lecture 25</td>
<td>11/26/19</td>
<td>Neural Networks</td>
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<tr>
<td>Lab 14</td>
<td>Week of 12/2/19</td>
<td>Project check in</td>
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<tr>
<td>Lecture 26</td>
<td>12/3/19</td>
<td>Neural Networks</td>
<td>Gabrys et al</td>
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<tr>
<td>Lecture 27</td>
<td>12/5/19</td>
<td>Career panel</td>
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</table>

### Fall 2020: NW MEDIA 151AC

**NW MEDIA 151AC**  
Transforming Tech: Issues and Interventions in STEM and Silicon Valley  
Abigail De Kosnik
In this course, we will study major tech industry controversies and heavily criticized tech products, policies, and effects, including technologies used at the U.S.-Mexico border, social media platforms’ spread of disinformation and fake news, racial bias in algorithms, and internet trolling and harassment. We will also examine tech companies’ long-running tendency to exclude women and non-Asian minorities, and how tech workers have occasionally come under fire for the industry’s harms. Students will be required to brainstorm and design their own interventions into the workings of the tech sector to make it more inclusive, equitable, and diverse.

This course fulfills the American Cultures requirement, the Electrical Engineering and Computer Science Ethics requirement, and the Media Studies Requirement Group B: Specialization in a Medium.

Summer 2020: BASE Business Program at Haas

July 6 - August 14, 2020

If you are free this July and August we have a unique summer business program at Haas. We will facilitate the Haas BASE Summer Program remotely in 2020, including instruction, career workshops and company events. We have reduced the cost of the program from $10,000 to $8,500 for 2020. Partial financial aid may be available.

If you are free this summer here is an opportunity to complement your Cal degree with a rigorous summer business program and add the words "Haas" and "Business" to your resume.

The Haas School of Business invites you to consider the BASE Summer Program (Business for Arts, Sciences and Engineering). BASE is a six-week business boot camp that enables non-business majors and recent graduates to take business courses while earning full academic credit. Some former BASE students have gone on to earn MBA degrees, while others have accepted jobs in marketing, product development, consulting, financial services, and technology. BASE students receive many benefits, including custom workshops, company visits, lunches, small class size with top professors and Haas Alumni Network benefits.
The ideal participant of the BASE Program is an undergraduate student majoring in liberal arts, sciences or engineering. BASE is the only premier business summer program or institute where students can earn units.

**Partial Financial Aid for Berkeley Students**
Some UC Berkeley students are eligible for partial summer financial aid which can partially cover the cost of the program. More information is here (BASE courses are 9 semester units in Summer Session D): [http://financialaid.berkeley.edu/summer-aid](http://financialaid.berkeley.edu/summer-aid)

**Application Process**
We encourage you to apply as soon as possible given the popularity of the Program in the past 22 years. There is no application fee.

Check out the [BASE website](http://base.berkeley.edu) if you have any questions. We look forward to reading your application!

**Fall 2020: Berkeley Connect**

[Berkeley Connect](http://berkeleyconnect.berkeley.edu) is open to all students at UC Berkeley, it is a one-unit course, taken Pass/Not Pass (course number 98BC for freshmen and sophomores, 198BC for juniors and seniors). It is offered Fall and Spring through 15 different academic departments on campus, but you don't need to be a declared or intended major in one of those departments in order to enroll. When you sign up through a department that aligns with your academic interests, you will be assigned a graduate student from that department who will serve as your personal mentor for the semester. At the same time, you'll be placed in a group with 19 other students who share your interest in that subject. Over the course of the semester, you'll meet with your mentor for one-on-one conversations about anything you want to talk about related to your academic life, and you'll meet with your small group for discussions facilitated by your mentor about the academic discipline and about life at a research university. You'll also participate in special events organized just for Berkeley Connect students, featuring professors and alumni as guest speakers. Berkeley Connect assigns no homework, reading, tests or papers--it does not add to your workload, but rather gives you an opportunity to build community here at UC Berkeley so you can make the most of your time here.

Students consistently report that participating in Berkeley Connect increases their sense of belonging at UC Berkeley and their confidence they can succeed here. During the Spring 2020 semester, Berkeley Connect successfully operated as a remote program during the campus closure. In the event that any part of the 2020-21 academic year must be virtual rather than
in-person, Berkeley Connect will provide you with a great opportunity to meet and interact with your fellow students and start building your personal network.

If you have any questions about Berkeley Connect, please feel free to contact the program office at berkeleyconnect@berkeley.edu.