

LS 25: Responsible Design from Bits to Buildings (Fall 2019)

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Instructors: Björn Hartmann, Robert Kett, Kyle Steinfeld

GSIs: Trude Renwick, Eldon Schoop

Units: 3

Meeting Times

Course lectures: Tuesdays 12-2pm BAMPFA Auditorium IT75

Guest lectures: Thursdays 12-2pm BAMPFA Auditorium IT75

Section 001: Tuesdays 4-5pm Dwinelle Annex 126

Section 002: Wednesdays 10-11am Dwinelle Annex 126

Section 003: Wednesdays 1-2pm Dwinelle Annex 126

Section 004: Wednesdays 3-4pm Dwinelle Annex 126

Important Links

Piazza course forum: [http://](http://piiazza.com/berkeley/fall2019/ls25/home) [_ \(http://piiazza.com/berkeley/fall2019/ls25/home\)](http://piiazza.com/berkeley/fall2019/ls25/home)

piiazza.com/berkeley/fall2019/ls25/home [_ \(http://piiazza.com/berkeley/fall2019/ls25/home\)](http://piiazza.com/berkeley/fall2019/ls25/home)

Course Instagram: [@bitstobuildingscal](https://www.instagram.com/bitstobuildingscal) [_ \(https://www.instagram.com/bitstobuildingscal/\)](https://www.instagram.com/bitstobuildingscal/)

Office Hours

Björn Hartmann: Th 5-6pm, 220a Jacobs Hall

Robert Kett: Th 10:30a-12p, Babette, BAMPFA

Kyle Steinfeld: W 10:30a-12p, Wurster 345 - sign up at bit.ly/2VxcC3m [_ \(http://bit.ly/2VxcC3m\)](http://bit.ly/2VxcC3m)

Eldon Schoop: By appointment: <https://calendly.com/eschoop/meet> [_ \(https://calendly.com/eschoop/meet\)](https://calendly.com/eschoop/meet)

Trude Renwick: F 8-10:30a, Brewed Awakening

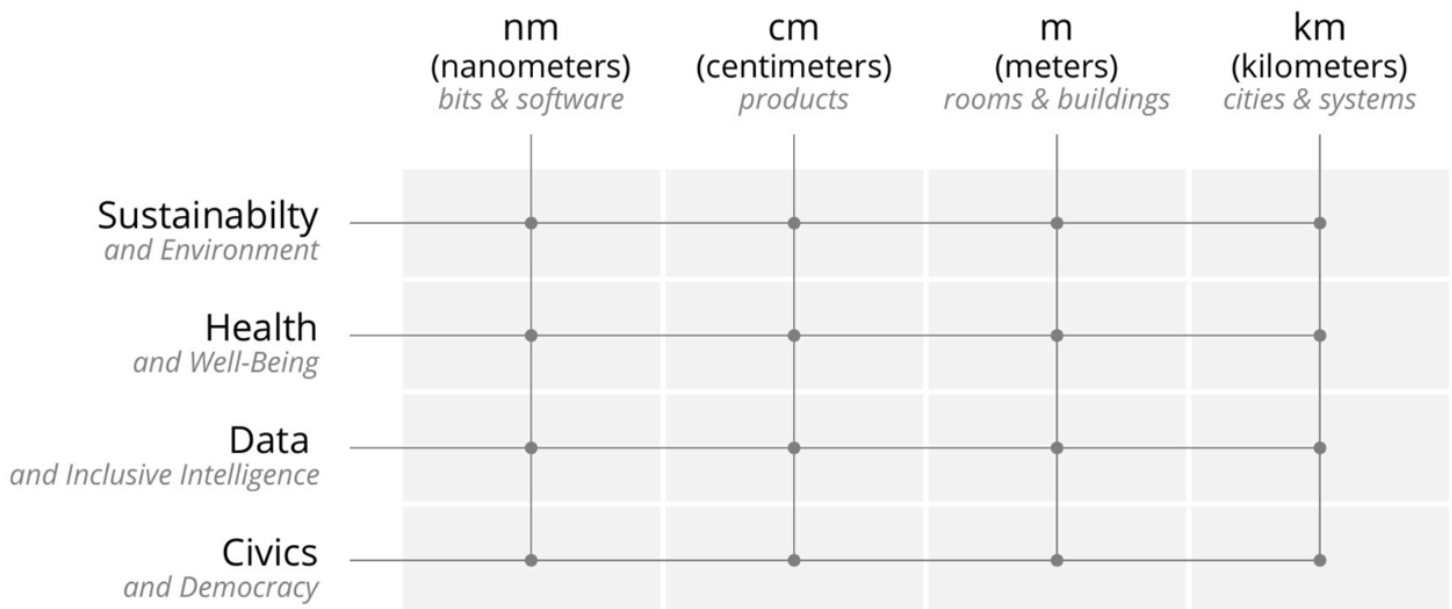
Email: Please do not contact instructors via personal email - use Piazza instead ([http://](http://piiazza.com/berkeley/fall2019/ls25/home) [_ \(http://piiazza.com/berkeley/fall2019/ls25/home\)](http://piiazza.com/berkeley/fall2019/ls25/home) piiazza.com/berkeley/fall2019/ls25/home [_ \(http://piiazza.com/berkeley/fall2019/ls25/home\)](http://piiazza.com/berkeley/fall2019/ls25/home)). This ensures your message will be seen by the entire teaching team. You can send private messages to instructors.

Course description

This course introduces students to key vocabularies, forms, and histories from the many arts and design disciplines represented at UC Berkeley. It is conceived each year around a central theme that responds to significant works and events on campus and beyond, providing an introduction to the many art and design resources available to students locally.

This fall we will focus on design and its connection to the arts across a range of disciplinary contexts. We will explore the role of design in imagining the built environment (architecture, city planning), in framing our experience of “new” media and technology, as well as design’s intersections with allied creative fields (theater, exhibition, public art, craft). Throughout, we will consider how design offers a toolkit for framing and approaching complex problems and how responsible design emerges through new forms of collaboration with a broad field of experts—including users, artists, engineers, scientists, and others. Moreover, we will consider how creative workers address key social issues through their practice. How, for instance, do data-driven systems for decision making affect inclusivity and equality? How will artificial intelligence shape the future of work and the future of cultural life? How will designers and their collaborators

work together to address issues of climate and sustainability? As today's most pressing challenges cut across disciplinary boundaries, designers are articulating new methods for connecting the conceptual knowledge for asking "Why?" with technical skills for asking "How?"



This course is built around a matrix of scales (from bits to buildings and cities) and issues, such as sustainability, democracy, and inclusion. On Tuesdays, instructors introduce a given intersection and lead student discussion of relevant background material and readings. Each week on Thursdays, outside speakers are invited to present to students and the general public. Students will engage with speakers during open question-and-answer periods and reflect on the presentations in assignments and sections.

Learning outcomes

This course offers an opportunity for students to:

- Develop a broad literacy in current debates across design disciplines
- Hone critical reading, writing, and presentation skills
- Hone visual communications skills
- Collaborate with students across a range of disciplines
- Develop familiarity with creative resources on campus and in the Bay Area

Evaluation

Attendance & participation (20%)

Your presence at Tuesday and Thursday lectures as well as section meetings is crucial to the success of this course. Your attendance will be monitored and evaluated by your respective GSIs. You are expected to notify your GSI of any absences in advance.

Weekly section assignments (20%)

Your GSI will assign and evaluate small, weekly assignments in discussion sections related to visiting lectures and course readings.

Visual Bookending (20%)

In groups of 3-4, all students will introduce or reflect on one of our public lectures through our course Instagram feed,

[@bitstobuildingscal](https://www.instagram.com/bitstobuildingscal/) (<https://www.instagram.com/bitstobuildingscal/>), offering additional information concerning our invited speaker, related projects, and relevant contexts (detailed description to come). These posts will be presented in Tuesday lectures.

Capstone Project (40%)

In groups of 4-5, students will develop a final capstone project that engages our course themes through one of the following modalities: an imaginary conversation; a design brief; or an exhibition proposal. A detailed description of each modality and related milestone assignments will be introduced in Week 6, though all assignments will involve research, writing, and visual communication. Students will present their progress in class during Week 10 and their final projects during Week 15. Students will also be able to share their work at the Jacobs Winter Design Showcase (Wed or Thu during RRR week).

Readings

Unless otherwise noted, all course readings will be provided as pdf files on our course website. Please check bCourses regularly for updates.

Policies

Late Assignment Policy

Group assignments will not be accepted late (e.g., visual bookends, capstone projects). Individual assignments submitted late will be penalized by 33% of total points per day.

No Food and Drink

Except for water, there is no food or drink allowed in the classroom. It is our responsibility to respect the theatre and its equipment.

Writing and Academic Integrity

All written work submitted by students must be their own—their own ideas, insights, and words. Outside sources may be used only if properly cited. The university defines plagiarism as follows: “use of intellectual material produced by another person without acknowledging its source, for example:

- Wholesale copying of passages from works of others into your homework, essay, term paper, or dissertation without acknowledgment.
- Use of the views, opinions, or insights of another without acknowledgment.
- Paraphrasing of another person’s characteristic or original phraseology, metaphor, or other literary device without acknowledgment.”

There are severe penalties for plagiarism, including a grade of F. Visit the Berkeley Student Learning Center at the César Chávez Student Center for additional guidance on these standards.

Policy on Religious Holidays

If you will be observing any religious holidays this semester that will prevent you from attending a regularly scheduled class or interfere with fulfilling any course requirement, you need to notify your professor within the first two weeks of the semester. Otherwise, absences due to religious holidays will be treated as a missed class.

Disability Statement

If you need disability-related accommodations in this class, if you have emergency medical information you wish to share, or if you need special arrangements in case the building must be evacuated, please inform your professor at the start of the semester, either privately after class or during her office hours. Students who need academic accommodations (for example, a note-taker) should request them from the Disabled Students' Program, 260 César Chávez Center, 642-0518 (voice or TTY). DSP is the campus office responsible for verifying disability-related need for

academic accommodations, assessing that need, and for planning accommodations in cooperation with students and instructors as needed and consistent with course requirements.










Policy on the Use of Phones and Laptops in Class


Laptops with wireless connections and smart phones will be needed for some class assignments. Students should bring a laptop and smartphone to class, and have them ready to use (charged, connected to wireless). Using a laptop or phone for other courses during this class, or for personal, non-emergency purposes will be considered inappropriate and disruptive in this class. A GSI will ask you to put the phone/computer away if it is being used in ways that don't fit these guidelines – ie, for purposes unrelated to the course, or at a time when the instructor has asked students not to use a laptop or phone. Thank you for following these guidelines and creating a more engaged classroom for everyone.






Regrade Policy











To request a regrade for an assignment, please write up a detailed explanation for your request, print it out, and hand a physical printout to one of the faculty (Kyle, Bjoern, or Robert) during class or office hours. Please do not email the course staff directly or request regrades on bCourses.

Course Summary:

Date	Details	
Thu Aug 29, 2019	 Course Introduction; Guest speaker: Mimi Zeiger (https://bcourses.berkeley.edu/calendar?event_id=2232471&include_contexts=course_1484149)	12pm to 1:59pm
Tue Sep 3, 2019	 Reading Assignment for Week 2 (https://bcourses.berkeley.edu/courses/1484149/assignments/8014258)	due by 11:59am
	 Lecture Week 02 (https://bcourses.berkeley.edu/calendar?event_id=2232472&include_contexts=course_1484149)	12pm to 1:59pm
Thu Sep 5, 2019	 Guest Speaker: Sara Dean (https://bcourses.berkeley.edu/calendar?event_id=2232473&include_contexts=course_1484149)	12pm to 1:59pm
Tue Sep 10, 2019	 Reading Assignment for Week 3 (https://bcourses.berkeley.edu/courses/1484149/assignments/8014626)	due by 11:59am
	 Lecture Week 03 (https://bcourses.berkeley.edu/calendar?event_id=2232490&include_contexts=course_1484149)	12pm to 1:59pm
Thu Sep 12, 2019	 Guest Speakers: Niloufar Salehi, Eric Paulos (https://bcourses.berkeley.edu/calendar?event_id=2232491&include_contexts=course_1484149)	12pm to 1:59pm
Tue Sep 17, 2019	 Reading Assignment for Week 4 (https://bcourses.berkeley.edu/courses/1484149/assignments/8022944)	due by 11:59am
	 Lecture Week 04 (https://bcourses.berkeley.edu/calendar?event_id=2232497&include_contexts=course_1484149)	12pm to 1:59pm

Date	Details	
Thu Sep 19, 2019	 Guest Speaker: Christine Gaspar (https://bcourses.berkeley.edu/calendar?event_id=2232498&include_contexts=course_1484149)	12pm to 1:59pm
Tue Sep 24, 2019	 Reading Assignment for Week 5 (https://bcourses.berkeley.edu/courses/1484149/assignments/8023282)	due by 11:59am
	 Lecture Week 05 (https://bcourses.berkeley.edu/calendar?event_id=2232499&include_contexts=course_1484149)	12pm to 1:59pm
Thu Sep 26, 2019	 Guest Speaker: Melodie Yashar (https://bcourses.berkeley.edu/calendar?event_id=2232500&include_contexts=course_1484149)	12pm to 1:59pm
	 SFMOMA Field Trip Availability (https://bcourses.berkeley.edu/courses/1484149/assignments/8026466)	due by 11:59pm
Tue Oct 1, 2019	 Survey Assignment for Week 6 (https://bcourses.berkeley.edu/courses/1484149/assignments/8026463)	due by 11:59am
	 Lecture: Final Project Kick-Off (https://bcourses.berkeley.edu/calendar?event_id=2232501&include_contexts=course_1484149)	12pm to 1:59pm
Thu Oct 3, 2019	 No speaker - Field Trip to SFMOMA (https://bcourses.berkeley.edu/calendar?event_id=2232502&include_contexts=course_1484149)	12am
Tue Oct 8, 2019	 Reading Assignment for Week 7 (https://bcourses.berkeley.edu/courses/1484149/assignments/8028771)	due by 11:59am
	 Team Collaborative Plan (https://bcourses.berkeley.edu/courses/1484149/assignments/8028081)	due by 11:59am
	 Lecture Week 07: Humane Technologies (https://bcourses.berkeley.edu/calendar?event_id=2232503&include_contexts=course_1484149)	12pm to 1:59pm
Thu Oct 10, 2019	 Guest Speaker: Aza Raskin (https://bcourses.berkeley.edu/calendar?event_id=2232504&include_contexts=course_1484149)	12pm to 1:59pm
Tue Oct 15, 2019	 Project Milestone #1 (https://bcourses.berkeley.edu/courses/1484149/assignments/8016913)	due by 11:59am
	 Reading Assignment for Week 8 (https://bcourses.berkeley.edu/courses/1484149/assignments/8030242)	due by 11:59am
	 Lecture Week 08 (https://bcourses.berkeley.edu/calendar?event_id=2232505&include_contexts=course_1484149)	12pm to 1:59pm
Thu Oct 17, 2019	 Guest Speaker: Refik Anadol (https://bcourses.berkeley.edu/calendar?event_id=2232506&include_contexts=course_1484149)	12pm to 1:59pm
Tue Oct 22, 2019	 Reading Assignment for Week 9 (https://bcourses.berkeley.edu/courses/1484149/assignments/8031748)	due by 11:59am
	 Lecture Week 09 (https://bcourses.berkeley.edu/calendar?event_id=2232507&include_contexts=course_1484149)	12pm to 1:59pm

Date	Details	
Thu Oct 24, 2019	 Guest Speaker: Yanni Loukissas (https://bcourses.berkeley.edu/calendar?event_id=2232508&include_contexts=course_1484149)	12pm to 1:59pm
Tue Oct 29, 2019	 Project Milestone #2 - Presentation (https://bcourses.berkeley.edu/courses/1484149/assignments/8016914)	due by 11:59am
	 Project Milestone Presentations (https://bcourses.berkeley.edu/calendar?event_id=2232509&include_contexts=course_1484149)	12pm to 1:59pm
Thu Oct 31, 2019	 Project Milestone Presentations (https://bcourses.berkeley.edu/calendar?event_id=2232510&include_contexts=course_1484149)	12pm to 1:59pm
Tue Nov 5, 2019	 Lecture Week 11: Urban Planning (https://bcourses.berkeley.edu/calendar?event_id=2232511&include_contexts=course_1484149)	12pm to 1:59pm
Thu Nov 7, 2019	 Guest Speaker: Allison Arieff (https://bcourses.berkeley.edu/calendar?event_id=2232512&include_contexts=course_1484149)	12pm to 1:59pm
Sun Nov 10, 2019	 Reflection on Milestone 2 and Collaborative Plan (https://bcourses.berkeley.edu/courses/1484149/assignments/8036451)	due by 11:59pm
Tue Nov 12, 2019	 Lecture Week 12 (https://bcourses.berkeley.edu/calendar?event_id=2232513&include_contexts=course_1484149)	12pm to 1:59pm
Thu Nov 14, 2019	 Guest Speaker: Julien Beller (https://bcourses.berkeley.edu/calendar?event_id=2232514&include_contexts=course_1484149)	12pm to 1:59pm
Sun Nov 17, 2019	 Optional Concert: Video Games at Zellerbach Hall (https://bcourses.berkeley.edu/calendar?event_id=2232515&include_contexts=course_1484149)	7pm to 10pm
Tue Nov 19, 2019	 Project Milestone #3 (https://bcourses.berkeley.edu/courses/1484149/assignments/8016915)	due by 11:59am
	 Lecture Week 13 (https://bcourses.berkeley.edu/calendar?event_id=2232664&include_contexts=course_1484149)	12pm to 1:59pm
Thu Nov 21, 2019	 Guest Speaker: Amy Franceschini (https://bcourses.berkeley.edu/calendar?event_id=2232665&include_contexts=course_1484149)	12pm to 1:59pm
Fri Nov 22, 2019	 Aza Raskin make-up talk (optional) (https://bcourses.berkeley.edu/calendar?event_id=2246193&include_contexts=course_1484149)	12pm to 1:30pm
Tue Nov 26, 2019	 Class: Preparing for final presentations (https://bcourses.berkeley.edu/calendar?event_id=2232667&include_contexts=course_1484149)	12pm to 1:59pm

Date	Details	
Thu Nov 28, 2019	 No class - Thanksgiving Holiday (https://bcourses.berkeley.edu/calendar?event_id=2232668&include_contexts=course_1484149)	12am
Mon Dec 2, 2019	 Online Course Evaluation (https://bcourses.berkeley.edu/courses/1484149/assignments/8040598)	due by 11:59pm
Tue Dec 3, 2019	 Final Project Presentation (https://bcourses.berkeley.edu/courses/1484149/assignments/8016916)	due by 11:59am
	 Final Presentations (https://bcourses.berkeley.edu/calendar?event_id=2232669&include_contexts=course_1484149)	12pm to 1:59pm
Thu Dec 5, 2019	 Final Presentations (https://bcourses.berkeley.edu/calendar?event_id=2232670&include_contexts=course_1484149)	12pm to 1:59pm
Mon Dec 9, 2019	 Final Project Written Deliverables & Poster (https://bcourses.berkeley.edu/courses/1484149/assignments/8038629)	due by 5pm
Wed Dec 11, 2019	 Final Team Reflection (https://bcourses.berkeley.edu/courses/1484149/assignments/8041169)	due by 11:59pm
Thu Dec 12, 2019	 Jacobs Design Showcase (https://bcourses.berkeley.edu/calendar?event_id=2232671&include_contexts=course_1484149)	2pm to 3:30pm
Mon Dec 16, 2019	 Participation (https://bcourses.berkeley.edu/courses/1484149/assignments/8016919)	due by 11:59pm
	 Visual Bookending (https://bcourses.berkeley.edu/courses/1484149/assignments/8023287)	due by 11:59pm