

UC Climate Stewards

Instructors

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Course Start & End

*January 5, 2022 through
March 5, 2022*

UC Climate Stewards

Website

<http://calnat.ucanr.edu/cs>

Canvas Course Website

login.uconline.edu/stewards/

Registration

<https://bit.ly/climatereg>

Course Fee

\$200-\$400

Course Location

*Hopland Research and
Extension Center, and online.*

Course Schedule

*9 Classes on Wednesday
evenings 6-8pm starting
1/5/22.*

*3 Field Trips on 1/22, 2/12
and 2/26 2022.*

Graduation 3/5/2022.

Course Overview

General. The [UC Climate Stewards](#) seeks to foster a committed corps of volunteers ready to effectively engage in transformative local solutions to promote community and ecosystem resilience in a changing climate. The UC Climate Stewards course will introduce you to social-emotional resilience and trauma-aware practices, climate change communication, climate science, and community resilience planning. The course will combine communication, engagement, and science curricula with guest presenters, field trips, and project-based learning to immerse you in the dynamics of your local community.

This UC Climate Stewards Course will integrate locally relevant themes of fire, water and stewardship. Through guest speakers, independent field trips and activities we will learn about and discuss principles and practices towards increasing community and ecosystem resilience to fire, drought and floods.

Learning Outcomes

- Increase access to up-to-date and locally relevant climate science to improve climate literacy
- Improve participants' self-efficacy and agency by fostering climate change communications skills development, civic engagement, and local conservation and community action
- Establish an inclusive community of practice focused on stewardship, communication, and community solutions to advance resiliency
- Build statewide support and capacity to effectively advance state and local climate goals

Course Requirements

- **Contact Time:** Each UC Climate Stewards course consists of a minimum of 40 educational hours (online, classroom, and field time), which includes a minimum of 12 hours in the field.
- **Required Reading and Online Work:** Read the entire UC Climate Stewards Handbook, complete six (6) online course modules, and complete assigned homework.
- **Class Attendance and Field Trips:** Participants must attend all classes and field trips. If a class or field trip is missed, the participant will be expected to complete make-up activities on their own time at the direction of the instructor.
- **Capstone Project:** Participants are required to complete a Capstone Project in one of six areas: Community Resilience and Adaptation, Environmental and Climate Justice, Conservation/Restoration (Stewardship), Participatory Science, Education/Interpretation, or Program Support.

The Capstone Project provides an opportunity for participants to integrate their own personal interests with the in-class material toward the development of an applied work project done in conjunction with a community organization. Participants must get pre-approval for Capstone Projects in the first three weeks of the course. Participants are encouraged to work in teams when appropriate. Participants will deliver an individual or group capstone presentation (5 minutes long per person). Participants are expected to spend a minimum of 8 hours on the capstone project and will add hours spent on the Capstone Project into the volunteer management system.

- **Class Participatory Science Project:** Each participant must contribute to the participatory science project adopted by the class. Our class participatory science project is Hopland Research and Extension Center Phenology Project.
- **Evaluation:** Completion of the online post-course evaluation survey is critical for the ongoing success and improvement of the course. You will be provided with a link to the evaluation survey toward the end of the course.
- **Volunteering and Volunteer Management System (VMS):** Participants will be provided with an online account to track their volunteer hours, including hours spent on their Capstone Project. Tracking volunteer hours is an essential way to prove the need and impact of UC Climate Stewards.

Required Text

- Climate Stewardship: Taking Collective Action to Protect California, Adina Merenlender with Brendan Buhler. (Must be purchased by participants.) A **30% discount** is available if you order through the UC Press and use source code 17M6662 at checkout.

Recommended supplemental reading

- The Thinking Person's Guide to Climate Change, Robert Henson.

Course Materials

Required: Access to internet connected computer or phone and an email account for communication, online course materials, and Volunteer Management System access. Please notify the instructor immediately if you do not have an e-mail account.

Course content is accessed through the Canvas Learning Management System <https://login.uconline.edu/stewards/>.

Recommended Resources

- **CalNat YouTube Channel:** View videos from UC Climate Stewards conferences, meetings, and more.
Url: <https://www.youtube.com/channel/UCGBYG5ShV4VDiUiRbEmmObg>
- **CalNat Mapping Tool:** UC California Naturalist Program provides a GIS-based map-producing tool you can use for both content delivery and logistics. Choose from multiple base maps and layers to explore bioregions, compare and contrast field sites, create maps to field trips and capstone projects and more.
Url: http://calnat.ucanr.edu/Resources/CalNat_Maps/

Volunteering and the Volunteer Management System

Volunteering: Participants are encouraged to complete at least 40 hours of volunteer service each year. Pins are awarded each year for participants who meet this goal, and the pin designs differ from year to year.

- Volunteer activities must relate to climate communication, education, interpretation, mitigation, adaptation, or community or ecosystem resilience, occur in California, be sponsored by an organization, and be unpaid or part of a subsidized workforce development program (e.g., CCC, NFF, AmeriCorps).

- Your 8-hour capstone project will count toward your first year's volunteer hours. You will log these hours into the UC Volunteer Management System. A welcome e-mail will be sent to you after instructors add your information to the system. Notify your instructor if you do not receive that e-mail. You will be provided with a user name and password in the introductory e-mail after the start of the class.
- The volunteer management system website is <https://vms4.ucanr.edu/>.
- There are resources available to help you familiarize with the UC CalNat/Climate Stewards volunteer management system and commonly used features. Check out our help guides and videos geared toward users and program administrators.
Url: http://calnat.ucanr.edu/Resources/VP_Help/

Course Credit

Upon completing certification requirements, participants are eligible for academic credits through UC Davis Continuing and Professional Education for an additional nominal fee. Graduates who expressed interest in this opportunity with their instructor will receive a communication from the UC California Naturalist Program post-course with information on how to obtain the optional credits.

Homework Policy

Reading and assignments are due before the meeting time for in-person classes, and are listed in the schedule, below.

Attendance Policy

Participants must complete a minimum of 40 hours of instruction during the class. Only 1 class session (2 hours) can be missed and participants can request a make-up session or assignment from their instructor. Because of the unique aspects of field trips, participants need to attend all field trips. In the case of an emergency and the field trip is missed, participants may be able to arrange an alternative option at the discretion of the instructor.

Cancellation Policy

There are no refunds except in the case of:

- Registrants that can successfully refer another student to replace their spot in the course prior to the first day of class will receive a full refund.
- Registrants that experience a verifiable medical emergency personally, or in their family, between the two weeks of class before and after instruction has begun may re-enroll in the following year's course at a 50% discounted rate, with priority for early registration.

No other cancellations, for any other reason, will result in a refund.

Instructional Methods

The course will integrate a range of instructional methods including online modules, presentations, peer-to-peer discussion, small group activities, hands-on and inquiry-based activities, experiential learning. Requests for reasonable accommodations for disabilities or limitations should be made prior to the date of the program or activity for which it is needed. Please make such requests as early as possible by contacting Hannah Bird at hbird@ucanr.edu or recording these accommodations on the registration form.

Statement on Inclusion and Accommodations

The University of California Division of Agriculture & Natural Resources (UCANR) is an equal opportunity provider. (Complete nondiscrimination policy statement can be found at <http://ucanr.edu/sites/anrstaff/files/215244.pdf>)

Inquiries regarding ANR’s nondiscrimination policies may be directed to UCANR, Affirmative Action Compliance Officer, University of California, Agriculture and Natural Resources, 2801 Second Street, Davis, CA 95618, (530) 750-1343.

If you have a learning or physical need that will require special accommodations in this class you will need to notify your instructor in writing of your accommodation needs. Please notify at least 30 days prior to the first class if you require any special accommodations. This will allow us ample opportunity to provide suitable accommodations. We make reasonable accommodations for persons with documented disabilities. Materials will be available in alternate formats (Braille, audio, electronic format, or large print) upon request.

Statement on Financial Accessibility Cost

Students are responsible for course fees, purchasing books, and transportation for the field trips. Students are also responsible for costs associated with any travel and meals.

Registration fees are set at a sliding scale based on household income. Please see the registration page (<https://bit.ly/climaterereg>) for details. The Hopland Research and Extension Center is committed to building an inclusive community. We are trying something new called equity pricing that we hope will serve the community better and allow us to recover the costs of this class.

Registration is \$400 per person (includes certification, instruction, some materials, and facility costs). If you are unable to pay \$400 due to low income or extenuating circumstances, please use our income guide and sliding scale to adjust your course cost. **Minimum payment is \$200.**

To assist you in determining an appropriate payment amount for your circumstances, 2021 Mendocino County U.S. Department of Housing and Urban Development low income indicator data is provided as guidance.

Mendocino County, CA, Household size	1 person	2 person	3 person	4-8 person
LOW INCOME	\$40,500	\$46,300	\$52,100	\$57,850-\$76,400

Class Schedule

Wk #	Date/ Time	Class Meetings Topic/Subject Location	Online Content and Climate Stewardship Text Reading	Speaker (Title & Affiliation)
1	1/5/22 6-8pm	Introductory In-person Class Meeting (Welcome/Introduction Activity) At Hopland REC	Online Component Unit I – Community Connections Reading: Preface through Chapter 1	
2	1/12/22 6-8pm	Unit I – Class Meeting Community Connections (Capstone Project Outline Submitted) Online through ZOOM	Online Component Unit II – Interpretation/Communication/Education Reading: Chapter 2	
3	1/19/22 6-8pm	Unit II – Class Meeting Interpretation/Communication/ Education (Capstone Project Outline Finalized) Online through ZOOM	Online Component Unit III – Climate in Context, Part 1, Week 1 Reading: Chapters 3	Latino Outdoors
	1/22/22	Field Trip #1 Lake Mendocino and water systems - In person - see field trip schedule below		Beth Salamone
4	1/26/22 6-8pm	Unit III – Class Meeting Climate in Context, Part 1 Online through ZOOM	Online Component Unit III – Climate in Context, Part 1, Week 2 Reading: Chapter 4	Dr. Jen Riddell
5	2/2/22 6-8pm	Unit III – Class Meeting Climate in Context, Part 1b Online through ZOOM	Online Component Unit IV – Climate in Context, Part 2, Week 1 Climate Stewards Handbook: Chapter 5	Dr. Adina Merenlender
6	2/9/22 6-8pm	Unit IV – Class Meeting Climate in Context, Part 2 Online through ZOOM	Online Component Unit IV – Climate in Context, Part 2, Week 2 Reading: Chapter 6	Dr. Jen Riddell
	2/12/22	Field Trip #2 - HREC - Natural communities and climate resilience In person - see field trip schedule below		TBD
7	2/16/22	Unit IV – Class Meeting Climate in Context, Part 2b Online through ZOOM	Online Component Unit V – Community Resilience Reading: Chapter 7 and In the End	Dr. Ted Grantham
8	2/23/21	Unit V – Class Meeting Community Resilience Online through ZOOM		Eileen Mitro

Wk #	Date/ Time	Class Meetings Topic/Subject Location	Online Content and Climate Stewardship Text Reading	Speaker (Title & Affiliation)
8	2/26/22	Field Trip #3 - Social Systems - Interview someone working in community resilience - Independent		
9	3/2/22	Unit V – Class Meeting Community Resilience - Practical discussion Online through ZOOM	Online Unit VI - Capstone Presentations and Graduation	Tentative: Juan Orozco
10	3/5/22	Unit VI - In-person Class Meeting Capstone Presentations and Graduation At Hopland REC		

Field Trip Schedule (Detailed schedules provided the week prior to each field trip.)

Wk #	Date	Subject/Topic (time, emergency contact)	Mtg. Location/Time (map link)	Speaker (Title & Affiliation)
3	1/22/22	Water Infrastructure and Climate Change 10 AM – 12:30 PM (Contact Jen or Hannah if lost)	Lake Mendocino <u>South Ramp</u> Ukiah, CA 95482	Elizabeth Salomone, General Manager, Russian River Flood Control & Water Conservation Improvement Dist.
6	2/12/22	Oak Savannah and Climate Change 9 AM – 2 PM	Hopland Research and Extension Center, <u>Shippey Hall</u>	TBD
8	2/26/22	Independent – Interview person or profile an organization taking climate actions you are interested in.	TBD	Independent