**UC CLIMATE STEWARDS**

**DRAFT Community Environmental Council Syllabus – January 2021**

Community Environmental Council - Climate Stewards Course Syllabus and Description

  

|  |  |
| --- | --- |
| InstructorKathi KingPhone805-689-2075Emailkking@cecmail.orgCourse Start & End01/27/2103/03/21Websitehttp://calnat.ucanr.edu/cs/Registration<http://cecsb.org/climatestewards> (web page TBD)Course Fee$250.00 (tentative)Course LocationCourse will be taught virtually for the January – March 2021 sessionCourse ScheduleClass sessions are 6:30pm-9:30pn Wednesday evenings | 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 learning and trauma-aware practices, climate change communication, climate science, and community resilience planning. The course will combine a communication, engagement, and science curriculum with guest lecturers, field trips, and project-based learning to immerse you in the dynamics of your local community.**The course will focus on work being done on the Central Coast to address and alleviate climate impacts, and provide resources and opportunities for becoming part of the movement.** This UC Climate Stewards Course will guide participants toward greater community connections, understanding the psychology and science behind climate change and our individual response to climate impacts.Lecture/Discussion will be Wednesday evenings from 6:30 to 9:30Online self-guided component to be completed prior to the Wednesday sessionLearning 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
* Meet all of the course requirements.

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](https://www.ucpress.edu/book/9780520274808/the-california-naturalist-handbook), complete six (6) online course modules, and complete assigned homework.
* **Due to COVID**-19, this course will be taught 100% online via Zoom or Canvas. All participants will need access to the internet to listen to lectures and read course material.
* **Class Attendance and Field Trips**: Participants must attend all classes and field trips. If one class 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 two weeks of the course. Participants are encouraged to work in teams when appropriate. Participants will deliver and individual or group capstone presentations (5 minutes long per person) on graduation day. 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 portal.
* **Class Community Science Project**: Each participant must contribute to the community science project adopted by the class. Our class citizen science project is potentially assisting with Santa Barbara Channelkeeper’s King Tides participatory science project.) – not yet confirmed.
* **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 Portal (VMS)**](https://vms4.ucanr.edu/)**:** 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 need and impact of the UC Climate Stewards Initiative.

Required Text* [The Climate Stewards Handbook](https://www.ucpress.edu/book/9780520274808/the-california-naturalist-handbook), Brendan Buhler and Adina Merenlender. (Must be purchased by the participants.)

**Recommended supplemental reading*** Climate Forward newsletter (published every Wednesday by the New York Times (subscription not required to access) https://www.nytimes.com/newsletters/climate-change
* Boiling Point newsletter (published weekly by Los Angeles Times (subscription not required to access) https://www.latimes.com/newsletters/boiling-point
* Climate One podcast - https://www.climateone.org/watch-and-listen/podcasts
* Mothers of Invention podcast - https://www.mothersofinvention.online/
* The Thinking Person’s Guide to Climate Change, *Robert Henson*.

Course MaterialsThe first three course materials are required. Please notify the instructor immediately if you do not have an e-mail account. The last two are helpful but are not required.* **Required:** Access to internet connected computer or phone and an email account for communication and Volunteer Portal access

Recommended Resources* [**CalNat YouTube Channel**](https://www.youtube.com/channel/UCGBYG5ShV4VDiUiRbEmmObg)**:** View videos from UC Climate Stewards conferences, meetings, and more. *Url:*<https://www.youtube.com/channel/UCGBYG5ShV4VDiUiRbEmmObg>
* [**CalNat Mapping Tool**](http://calnat.ucanr.edu/Resources/CalNat_Maps/)**:** 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 filed sites, create maps to field trips and capstone projects and more.

*Url:* <http://calnat.ucanr.edu/Resources/CalNat_Maps/> Volunteering and the Volunteer PortalVolunteering: 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 pins 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.
* Your 8-hour capstone project will count toward your first year’s volunteer hours. You will log these hours into the [UC Volunteer Portal](https://vms4.ucanr.edu). 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 portal website is <https://vms4.ucanr.edu/>.
* There are resources available to help you familiarize with the UC CalNat/Climate Stewards volunteer portal 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 Extension](https://extension.ucdavis.edu/areas-study/land-use-and-natural-resources/ca-naturalist-program) for an additional nominal fee. Graduates who expressed interest in this opportunity with their instructor will receive a communication from the UC Climate Stewards program post-course with information on how to obtain the optional credits.  |
|  |  |

Homework Policy

Homework is to be completed and submitted prior to each Wednesday evening session.

# Attendance Policy

Participants must complete [minimum of 40+] hours of instruction during the class. Only one class session (3 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. (The field trip policy is dependent upon the return to in-person engagement. Virtual field trips may be made up by watching recordings.)

# Cancellation Policy

Registrants may cancel up to two weeks before the first day of instruction for a full refund, minus a $50 administrative fee. 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. When in-person learning resumes, 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 Kathi King.

# Statement on Inclusion and Accommodations

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 travel.

Full and partial scholarships are available. No one will be turned away for lack of ability to pay the course fee. Please contact course instructor at least 30 days prior to the first day of class to inquire about scholarship opportunities and application procedures.

# Class Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| Wk | Date | Topic/Subject (instructional activity)(Reading/Assignments Due) | Speaker(Title & Affiliation) |
| 0 | **1/27/21** | **Introductory Webinar**  | Kathi King, Director of Outreach and Education, Community Environmental Council |
| 0.5 | **2/1/21** | **Online Self-Guided Component Unit I – Community Connections** |  |
| 1 | **2/3/21** | **Zoom Meeting Component Unit I – Community Connections**  |  |
| 2 | **2/8/21** | **Online Self-Guided Component Unit II – Interpretation/Communication/Education**  |  |
| 3 | **2/10/21** | **Zoom Meeting Component Unit II – Interpretation/Communication/Education** (Capstone Project Outline) |  |
| 4 | **2/15/21** | **Online Self-Guided Component Unit III – Climate in Context, Part 1**  |  |
| 5 | **2/17/21** | **Zoom Meeting Component Unit III – Climate in Context, Part 1** |  |
| 6 | **2/22/21** | **Online Self-Guided Component Unit IV – Climate in Context, Part 2**  |  |
| 7 | **2/24/21** | **Zoom Meeting Component Unit IV – Climate in Context, Part 2** |  |
| 8 | **3/1/21** | **Online Self-Guided Component Unit V – Community Resilience** (Distribute Course Evaluation link) |  |
| 9 | **3/3/31** | **Zoom Meeting Component Unit V – Community Resilience**  |  |
| 10 | **3/5/21** | **Zoom Meeting Unit VI - Capstone Presentations and Graduation**(Course Evaluations) |  |

# Field Trip Schedule Detailed schedules provided the week prior to each field trip. Field trips for Jan-March 2021 will depend upon ability to gather in person.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wk | Date | Subject/Topic(time, emergency contact) | Mtg. Location/Time(map link) | Speaker(Title & Affiliation) |
| [] | Date | County of Santa Barbara ReSource Recovery Center (former landfill)(time, emergency contact) | Address(Map link) | Name, title, affiliation |
| [] | Date | City of Santa Barbara Wastewater Treatment Plan and Desalination System(time, emergency contact) | Address(Map link) | Name, title, affiliation |
| [] | Date | SBCC Permaculture Garden(time, emergency contact) | Address(Map link) | Name, title, affiliation |