

SJSU | DEPARTMENT OF ENVIRONMENTAL STUDIES



ENVS 181 – Sections 01, 02, and 03 Environmental Resource Center (ERC) Fall 2024

Course and Contact Information

Faculty Advisor:	Prof. Katherine Cushing
Email:	katherine.cushing@sjsu.edu
Office Hours:	Tuesdays 10:00pm – 12:00pm
Class Days/Time:	T/Th 12:00pm – 1:15pm
Classroom:	WSQ 113

ERC Co-Directors: Simon Jan Maranguis, Malvika Malhotra, Kaili Mallari

Contact Information:

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ERC Class Meeting Location: WSQ 113

The ERC also has an office in WSQ 115, which may be used for office hours.

This course has a Canvas site. Please visit it regularly (i.e., at least three times a week) for materials, instructions, and assignments.

Course Description

Catalog Description - Supervised projects that support the Environmental Resource Center, a source of sustainability information and events for the campus and community; projects help students take personal action toward achieving and sharing approaches to a sustainable lifestyle and developing environmental leadership. This course is Credit/No Credit.

The ERC and ENVS 181

The Environmental Resource Center (ERC) is a student-run organization, connected to the Department of Environmental Studies and funded by Associated Students and Student Involvement, depending on the projects we do. The ERC was established in 1967 and soon became the student activist wing of the Environmental Studies Department. Since the early 1970s, the ERC has served SJSU with an annual Earth Day celebration and has implemented numerous other projects that promote sustainability. Students in the ERC started the campus recycling program and an alternative commute planning program that ultimately became Transportation Solutions, which is now a permanent department of Associated Students. ERC students also began an urban farm non-profit organization called Veggielution, now a highly successful organization.

To serve the student body and our supporting organizations, we undertake a range of projects each year. The projects are undertaken by students registered for ENVS 181, The ERC, a course that students take for 1, 2 or 3 units of credit. The ERC is run by student directors and supervised by a faculty advisor. In addition to promoting the environmental literacy of the campus community via on campus environmental education events, the ERC also works to move our campus towards sustainable use of water, energy, and materials and supports native landscaping practices.

Directors and Faculty Advisor Roles

The ERC directors guide the projects and provide volunteer and community action opportunities. They oversee all activities of the ERC. They participate in the events, are present to evaluate and assist the team members, manage finances, and lead the classes. Prof. Katherine Cushing, the Faculty Advisor, will be at class meetings to help groups move along with their projects. She supports the ERC Directors in their duties and is responsible for assigning credit/no credit evaluations to each student.

Course Learning Outcomes (CLO)

Students learn leadership, service, project management, and communication skills by undertaking sustainability projects on campus and in the local community. This course requires active participation and independent work. The hours you work will be comprised of class attendance, group meetings and other activities, including volunteering, helping at events, and work associated with your group.

After completing this course, students will be able to:

1. Communicate to a range of people the definition of sustainability and how individuals can promote sustainability in their everyday lives along with their campuses
2. Lead a group, collaborate with peers, manage responsibilities in a timely manner, and contribute significantly to completing a sustainability project
3. Initiate actions that promote environmental justice in all sustainability endeavors

Required Readings

There is no textbook required for this course. Readings will be assigned and available via the class Canvas website.

Class Groups

Each student will participate in two of the class groups. Each group will be responsible for planning and implementing at least two environmental education ‘tabling’ events on different environmental topics (e.g., policy, energy, restoration). Every group will table at a planned group October event and then organize their own table. Some groups may have more work at the beginning of the semester while others will have more work later on. This allows students to work in multiple groups over the semester. Each group will have an ERC Director Facilitator. While each group will have some specific tasks, all groups will also be required to help with logistics on the day of the October event. Additionally, you will be expected to support other ERC tasks during the semester (e.g. budget preparation, flyering, course announcements, social media posts, creation of promotional videos, etc.).

Sustainability Month Event Budget & Fundraising (all, Malvika): While all groups will create a sub-budget for their own activities (as relevant or needed), this group will be in charge of putting asking for donations from units and organizations on and off campus for the October sustainability event and other tabling activities.

Environmental Education (Lead: Kaili): This group will support the environmental education efforts of CommUniverCity’s Growing Sustainably programs in garden based experiential environmental education, green STEM fairs, and SJSU field trips focused on sustainability at SJSU. Members of this group will participate in 3-4 events to support the environmental learning of k-12 students living in Central San Jose’s underserved communities.

Take Back The Tap (TTBT) (Lead: Simon): The goal of TBTT is to encourage the campus and the wider community to kick the bottled water habit. This group will develop a project to reach students on this important issue--and perhaps encourage students to ditch all single use plastic beverages.

Environmental Policy (Lead: Malvika): This group will work with a local business(es) to incorporate sustainability into this business's everyday affairs. Practical changes within the company can be proposed as well as funded to incorporate them into the establishment.

Course Requirements, Grading Information, Project Groups and ERC Expectations

This course is a credit/no credit. Students must meet the following three criteria to receive credit:

1. Attend Class:

In-class participation is essential for teams to coordinate, to learn about other team projects, and to advance the goals of the course. Groups will regularly report on their progress during class. Individual participation points are also earned during class time. **Students cannot receive credit if more than 4 class meetings are missed without a valid excuse.** Also, being late to class (tardies) two times will be counted as an absence. **** In person participation is evaluated in each class. ****

The class will meet on Tues/Thurs, 12:00 – 1:15 pm in person, unless otherwise noted. If we need to switch to Zoom for some occasional meetings, here are some class etiquette points:

- Please put your camera on, whenever possible. Being visible helps develop community.
- Mute your microphone unless you are talking.
- Position your camera properly so that it is stable and at eye level.
- Limit distractions/avoid multitasking.
- Use appropriate and professional actual or virtual background.
- For this class, students are required to have an electronic device (laptop, desktop or tablet) with a camera and microphone. You will need to have access to a reliable internet connection.
- SJSU has a free equipment loan program available for students.
Visit <https://library.sjsu.edu/student-computing-services> for more details.

2. Complete Unit Hours

To receive credit, students must work the minimum required hours based on units enrolled:

1-unit student = 25 hours

2-unit student = 55 hours

3-unit student = 100 hours

To receive credit for your hours, fill out your timesheet and provide write-ups! *Keep track of your ERC hours regularly to make sure you receive credit.*

Update time-sheets and write-ups every Sunday by midnight.

****Directors will check them every week.****

Access ERC Timesheet in the Course Canvas Module—complete weekly
[TIMESHEET](#)

What is a Write-up? In order to track your work outside class, complete a detailed write-up with photos of you doing the work. Write-ups are required to be sent to the directors within a week of doing the hours. If they are not submitted within a week, those hours will not count or be accepted.

Total required hours are based on the number of units you are taking and divided as follows:

Hours Categories	1 unit = 25 hours	2 units = 55 hours	3 units = 100 hours
<i>Outside Hours.</i> Hours earned outside of class from independent and group work, as well as volunteering	20	45	85
A.S. Garden Hours/Spartan Eats	3	6	9
Sustainability Month Hours (<i>day of the event</i>)	2	4	6
TOTAL	25	55	100

Outside Hours. Hours Earned outside of class doing Independent and Group Work

Group meeting hours and hours you spend working on your group projects outside of class count in this category. Write ups are required to document these hours. Hours are also earned through volunteering for or participating in activities identified by the ERC directors, such as volunteering for environmental groups, attending environmental talks and seminars on campus, and completing other activities as identified by the ERC Directors. You can access opportunities to earn outside hours by signing up for events suggested [here](#) and by finding events on your own.

To get credit for your hours, you must record your hours each week in your timesheet and provide a write up. Include travel time for any off-campus event you attend on your timesheet.

There are a number of volunteer organizations with multiple and recurring events. We recommend you find such a group that you might enjoy volunteering with multiple times over the semester. Be sure to regularly check the listed hours opportunities as they will be updated by the directors.

Here is a list of groups that often meet throughout the semester:

- [Keep Coyote Creek Beautiful](#)
- [Spartan Food Pantry](#)
- [South Bay Clean Creeks Coalition](#)
- [Guadalupe River Park Conservancy](#)
- [Amah Mutsun Land Trust](#)
- [San Francisco Bay Bird Observatory](#)
- [Open Space Authority](#)

If you find a group that you would like to volunteer with during the semester, please let Prof. Cushing know what that group is so that she can approve it.

Check the Course Canvas to stay up to date on upcoming volunteer events

Here are additional ways to earn hours for this category:

- **Hiking Hours:** Complete and document a hike in a park each month. You can count up to 5 hours of hiking each month toward your unit hours if you are taking the class for 2 or 3 units; 2.5 hours for one- unit students.
- **Garden Hours:** Hours earned volunteering at the Caesar Chavez Community Action Center campus community garden located at 372 E. San Salvador Street. See above table for the maximum hours you can volunteer.
- **Sustainability Month Event Hours:** All students in the class are required to participate in the all campus October event.

3. Complete Participation and Assignments

o receive credit for the course, you must participate productively by earning in person participation points and assignment points. Here is how these points are assigned:

Assignments	1 unit	2 units	3 units	Due Date
In-class Participation and Contribution to Group and Class Work (Individual)	50 points, min 30 req for credit	50 points, min 30 req for credit	50 points, min 30 req for credit	assessed 2x/semester
Weekly Check In (min 12 canvas assignments completed)	30 points, min 24 req for credit	30 points, min 24 req for credit	30 points, min 24 req for credit	various
Group e-Portfolio	25 points, min 20 req for credit	25 points, min 20 req for credit	25 points, min 20 req for credit	see schedule
Group Final Presentation	25 points, min 20 req for credit	25 points, min 20 req for credit	25 points, min 20 req for credit	see schedule

Here is a description of each element required for participation points:

Introductory Presentation: Give us a brief informal self-introduction presentation in class. Follow the example that one of the directors gives in class.

In-class participation: These points will be earned through engaged participation in class discussions, breakout groups, group reports and other in-class activities.

Group Projects: Group members will work together on a specific campaign to promote sustainability on campus. This semester, each group will undertake sustainability actions to advance their group's mission and organize tabling events that engages with the campus community to provide information on the group's goals, describes the group's activities and encourages sustainability actions. Assignments for the project and developing the website are listed below and each assignment is described on the Canvas site. Groups will report on their activities in class.

Groups will also present a **Final Group Presentation** on Dec 3rd. Each group will make a PowerPoint presentation that summaries their collective work and learning.

** Assessed by Katherine Cushing, your student director, and the group's OOS contact at the end of the semester based on work completed relative to the Project Action Plan.

Group e-Portfolio - Due Dec 3rd: This document will be a complete record of the work completed during the semester. **A previous group's portfolio from a past semester will be shared with you, as a model.** Your portfolio not only documents your group's activities and achievements, it should also be designed as a **reference to assist future ERC students.** Your group's portfolio should include the following:

- Portfolio outline, with a list of all materials in the portfolio
- Descriptive summary of your group's work and achievements
- Action plan and recommendations for students next semester to advance the work of your group
- Personal contacts with titles and a description of their importance to your group's work, an example of this would be partners from your events
- All materials and documents generated by your group's project, including meeting dates and summaries, correspondence, press releases, posters, photos, etc.
- 2-and 3-unit students: Provide a summary demonstrating student involvement and recommendations for the ERC and SJSU

ERC Member Expectations

All ERC students should have a professional approach to the ERC. You are representing a non-profit organization that works towards improving sustainability by educating the campus community. Here are expectations for all ERC members:

- **Take your commitments seriously.** Your group members are relying on you to do your part.
- **Behave in a professional manner.** You are representing the ERC, the Environmental Studies Department, and SJSU, so please act and dress accordingly.
- **Ask questions.** If you have a problem, please ask for help from other ERC students, ERC directors, or the faculty advisor. We are a team and we are here to support each other.
- **Respect the diversity and opinions of others.** Please be respectful to others and be professional both in the ERC class and at ERC events.
- **Show pride in the ERC and be a positive and collaborative group member.**

University Policies - All university policies are found on the Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>. Be sure to go to this site and familiarize yourself with these policies. They are important to you.

Land Acknowledgement - We acknowledge the land on which SJSU rests as the traditional home of the Puichon Ohlone-speaking people and the present day Muwekma Ohlone Tribe. The Muwekma Ohlone Tribe is composed of all known surviving Native American lineages aboriginal to the San Francisco Bay region who trace their ancestry through the Missions San Jose, Santa Clara, and Dolores and the historic federally recognized Verona Band of Alameda County. In the Muwekma Ohlone language, *Cocenyoy* means "the people." We take this opportunity to thank the original caretakers of this land.

ENVS 181 – Environmental Resource Center Fall 2024 Course Schedule

Topics, readings, and due dates are subject to change, depending on the needs of the course.
Check Canvas regularly for updates.

Week	In-Class Activities	Assignments
Week 1	Aug 22 (Thurs) <ul style="list-style-type: none"> - Introduction to the ERC - ERC Directors Introductions - Student Introductions - Timesheet Explanation - Group Descriptions 	(Thurs) Review syllabus and make sure you understand what is needed to earn credit for the course
Week 2	Aug 27 (Tues) <ul style="list-style-type: none"> - Groups will be assigned and meet for the first time. - Students work in groups to assign roles and responsibilities as well as create an action plan for their project. Aug 29 (Thurs) <ul style="list-style-type: none"> - Campus Sustainability Tour - Campus Field trip: Campus Community Garden tour with [insert new garden manager here] - Located at 372 E. San Salvador Street 	(Tues) Students will decide on the group they would like to work on and submit their preferences on Canvas. (Thurs) Complete preparatory tasks necessary to be ready to work on your group project during class.
Week 3	Sept 3 (Tues) <ul style="list-style-type: none"> - Campus Field Trip: SJSU Greenhouses tour with Lars Rosengreen @ 12:30 - Located at Duncan Hall Sept 5 (Thurs) <ul style="list-style-type: none"> - Group Work - Students will begin working on their respective projects. 	(Tues) Participate in activities to earn hours credit for ERC (Thurs) Reading: Diversity in EnvS and New Jobs in the Vaccine Economy and the Green Economy Video: Environmentalists for BLM DUE: Thursday, September 1
Week 4	Sep 10 (Tues) <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. Sep 12 (Thurs) <ul style="list-style-type: none"> - Brief discussion of Diversity in ENVS reading - Group Work - Students will continue working on their respective projects. 	(Tues & Thurs) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC

<p>Week 5</p>	<p>Sept 17 (Tues)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. - Directors will meet with members to check in on hours credit progress <p>Sept 19 (Thurs)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. - Directors will meet with members to check in on hours credit progress 	<p>(Tues & Thurs) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC. Ensure your hours timesheet is up to date.</p> <p>Hours Progress Check-in 1 unit= 15 2 units= 30 3 units= 45</p>
<p>Week 6</p>	<p>Sept 24 (Tues)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. <p>Sept 26 (Thurs)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. 	<p>(Tues & Thurs) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC.</p>
<p>Week 7</p>	<p>Oct 1 (Tues)</p> <ul style="list-style-type: none"> - Group Work - Finalize and complete any work remaining on your projects. <p>Oct 3 (Thurs)</p> <ul style="list-style-type: none"> - Group Work - Finalize and complete any work remaining on your projects. - Group Work - Last minute preparations for the Sustainability Fair 	<p>(Tues & Thurs) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC.</p> <p>Sustainability Month Begins!</p>
<p>Week 8</p>	<p>Oct 8 (Tues)</p> <ul style="list-style-type: none"> - Sustainability Fair!!!! - Located on 7th Street from 10:00 a.m. - 1:00 p.m. <p>Oct 10 (Thurs)</p> <ul style="list-style-type: none"> - No class meeting 	<p>(Tues) All students must participate in the Sustainability Fair.</p> <p>(Thurs) Take a break! Participate in activities to earn hours credit for ERC as necessary.</p>
<p>Week 9</p>	<p>Oct 15 (Tues)</p> <ul style="list-style-type: none"> - Sustainability Fair debrief - Introduce E-Portfolios and Final Presentations. - Begin preparing for the Thrifty Thursday Fundraiser. <p>Oct 17 (Thurs) Group work</p>	<p>(Tues) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC.</p> <p>(Thurs) Begin working on E-Portfolios and Final Presentations</p> <p>DUE: Monday, December 2</p>

<p>Week 10</p>	<p>Oct 22 (Tues)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. - Directors will meet with members to check in on hours credit progress <p>Oct 24 (Thurs)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. - Directors will meet with members to check in on hours credit progress - Arrange carpools for Keep Coyote Creek Beautiful Field Trip 	<p>(Tues & Thurs) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC. Ensure your hours timesheet is up to date.</p> <p>Hours Progress Check-in 1 unit = 30 2 units = 60 3 units = 90</p>
<p>Week 11</p>	<p>Oct 29 (Tues)</p> <ul style="list-style-type: none"> - Off-Campus Field Trip: Creek cleanup and talk hosted by Deb Kramer of Keep Coyote Creek Beautiful (tentative) - Meet at Olinder Dog Park at 12:00 p.m. <p>Oct 31 (Thurs)</p> <ul style="list-style-type: none"> - Thrifty Thursday Fundraiser! 	<p>(Tues) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC.</p> <p>(Thurs) Reading: Complete reading and submit summary on Canvas. https://www.nrdc.org/stories/bottled-water-vs-tap-water</p> <p>DUE: Thursday, November 7</p>
<p>Week 12</p>	<p>Nov 5 (Tues)</p> <ul style="list-style-type: none"> - Recap Thrifty Thursday Fundraiser - Group Work - Students will continue working on their respective projects. - Remember to VOTE! <p>Nov 7 (Thurs)</p> <ul style="list-style-type: none"> - Brief Discussion of Reading [Simon] - Group Work - Students will continue working on their respective projects. 	<p>(Tues) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC.</p> <p>(Thurs) Reading: Complete reading and submit summary on Canvas. https://online.hbs.edu/blog/post/what-is-sustainability-in-business</p> <p>DUE: Thursday, November 14</p>
<p>Week 13</p>	<p>Nov 12 (Tues)</p> <ul style="list-style-type: none"> - Group Work - Students will continue working on their respective projects. <p>Nov 14 (Thurs)</p> <ul style="list-style-type: none"> - Brief Discussion of Reading [Malvika] - Group Work - Students will continue working on their respective projects. 	<p>(Tues) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC. Ensure your hours timesheet is up to date.</p> <p>(Thurs) Reading: Complete reading and submit summary on Canvas. https://www.plt.org/about-us/why-environmental-education-is-important/</p> <p>DUE: Thursday, November 21</p>

Week 14	<p>Nov 19 (Tues)</p> <ul style="list-style-type: none"> - Brief Discussion of Reading [Kaili] - Group Work - Students will continue working on their respective projects. - Directors will meet with members to check in on hours credit progress <p>Nov 21 (Thurs)</p> <ul style="list-style-type: none"> - Career Workshop with Kristin Keller 	<p>(Tues) Complete necessary tasks for your respective projects. Participate in activities to earn hours credit for ERC. Ensure your hours timesheet is up to date.</p> <p>Hours Progress Check-In 1 unit = 45 2 units = 90 3 units = 135</p>
Week 15	<p>Nov 26 (Tues)</p> <ul style="list-style-type: none"> - No class, enjoy your break :) <p>Nov 28 (Thurs)</p> <ul style="list-style-type: none"> - Thanksgiving Break - No Class - Enjoy your break :) 	
Week 16	<p>Dec 3 (Tues)</p> <ul style="list-style-type: none"> - E-portfolios due by 9am - Final Presentations <p>Dec 5 (Thurs)</p> <ul style="list-style-type: none"> - Final Presentations (if needed). - ERC Potluck - Last Day of Class! 	<p>(Tues) Share final presentations with the class.</p> <p>(Thurs) Bring food & drinks for the ERC Potluck if you are able to!</p>
	<p>Dec 13 (Fri)</p> <p>Last day to submit hours timesheet</p>	<p>Have a great winter break!</p>