Introduction to Environmental Science

Course Information

Semester & Year: Spring 2022
Course ID & Section #: ENVSC-10-V2863
Instructor's name: Maria Morrow
Day/Time of required meetings: Lectures and labs are asynchronous online. All due dates and activities are posted to our Canvas course. Check it out!
Course units: 4.0

Instructor Contact Information

Office location or *Online: SC214D on the Eureka campus, or virtually here (passcode: 017457)
Office hours: By request, email me with some times and days that work for you.
Phone number: (707) 476-4472
Email address: maria-morrow@redwoods.edu

Catalog Description

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

Course Student Learning Outcomes

1. Apply the process of science to analyze major environmental issues at a variety of scales, identify potential solutions for these issues and evaluate the viability of these solutions.
2. Analyze and interpret quantitative data and visual representations of data describing an environmental issue.
3. Describe the relationships between human actions and environmental issues and predict potential outcomes of these interactions.
4. LAB: Analyze and interpret human influences on an ecosystem in the field.

Required Materials

You will need some sort of device for taking videos or images in the field, as well as access to the internet. If you need help accessing these, please visit the support for online students CR site. The textbook(s) required for this course are available free online and are linked on our Canvas site.

Prerequisites/co-requisites/ recommended preparation

There are no pre-requisites for this course. However, you will be asked to do a lot of reading and writing. If these are areas you struggle with, consider taking a college-level English course prior to or concurrently with ENVSC-10.

Evaluation & Grading Policy

Late Work: Pay attention to deadlines listed in your Canvas Calendar! NO LATE WORK WILL BE ACCEPTED unless you have made previous arrangements with the instructor.

Assignment Weights:

1. **Labs (25%)** Labs will include independent fieldtrips, virtual fieldtrips, and research assignments. You'll have an assignment or discussion post to complete for lab each week.
2. **Discussions (20%)** These are my way of both ensuring that you are watching the lectures and engaging in the course content with your classmates. You will have to make an initial post answering a prompt about the week's lectures or homework to "open" the discussion forum and see other students' responses. Once the forum is open, you'll have a response requirement that will be detailed in the description of the discussion forum.
3. **Individual Research Project (25%)** You will research an environmental science topic, write a short literature review, and communicate your findings with an infographic.
1. **Exams (30%)** There will be two midterm exams throughout the semester that cover material from both lecture and lab. There will also be a comprehensive final exam.

Grading Scale:

< 60%	60-69%	70-76%	77-79%	80-82%	83-86%	87-89%	90-92%	93-100%
F	D	C	C+	B-	B	B+	A-	A

Admissions deadlines & enrollment policies

Spring 2022 Dates

- *Classes begin: 01/15/22*
- *Last day to add a class: 01/21/22*
- *Martin Luther King, Jr's Birthday (all campuses closed: 01/17/22)*
- *Last day to drop without a W and receive a refund: 01/28/22*
- *Census date (or 20% into class duration): 01/31/22*
- *Last Day to file P/NP (only courses where this is an option) 02/11/22*
- *Lincoln's Birthday (all campuses closed): 02/18/22*
- *Presidents Day (all campuses closed): 02/21/22*
- *Last day to petition to graduate or apply for certificate: 03/03/22*
- *Spring Break (no classes): 03/14/22-03/19/22*
- *Last day for student-initiated W (no refund): 04/01/22*
- *Last day for faculty-initiated W (no refund): 04/01/22*
- *Final examinations: 05/07/22-05/13/22*
- *Semester ends: 05/13/22*
- *Grades available for transcript release: approximately 05/30/22*

Other Helpful Information

Accessibility

College of the Redwoods is committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or Disability Services and Programs for Students (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1st floor

- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

Student Support Services

The following online resources are available to support your success as a student:
- CR-Online (Comprehensive information for online students)
- Library Articles & Databases
- Canvas help and tutorials
- Online Student Handbook

Counseling offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- Academic Support Center for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- Library Services to promote information literacy and provide organized information resources.
- Multicultural & Diversity Center

Special programs are also available for eligible students include

- Extended Opportunity Programs & Services (EOPS) provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in Eureka or in Del Norte
- The Veteran's Resource Center supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

Canvas Information

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.
Log into Canvas at https://redwoods.instructure.com
Password is your 8 digit birth date
For tech help, email its@redwoods.edu or call 707-476-4160
Canvas Help for students: https://webapps.redwoods.edu/tutorial/
Canvas online orientation workshop: Canvas Student Orientation Course (instructure.com)

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the Student Information Update form.

Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges Health & Wellness website.

Wellness Central is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.