Contact Information

Instructor: Dr. Mary Poffenroth

Office Location: DH447/ Online

Telephone: 408-924-4831 (email is best as I rarely check my VM on my office phone)

Email: I prefer to be addressed formally as Dr. Poffenroth

You can message me here in Canvas or at mary.poffenroth@sjsu.edu

It is best to email me any questions or concerns. For email, I will respond within 2 business days. Please do not expect a response late at night or on weekends.
natural environment and human societies and ... Global environmental iso

Office Hours: Monday 11:00 am to 3:00 pm Online or by appointment. We can meet via Zoom, Skype, or FaceTime. Please email for a link to open timeslots.

Course Description and Requisites

Environmental and human issues and challenges 1492 to present. Global environmental shifts & relationship to social, demographic, cultural, political change. Human interaction with natural environment.

GE Area(s): R. Earth, Environment & Sustainability

Prerequisite: Passage of WST; completion of Core GE; Upper division standing
Corequisite: GEOG 100W (if not already completed)

Letter Graded

Classroom Protocols

Class Policies

This is a technology Intensive, Synchronous Online Course
This course is delivered é, r

Student Resources (https://www.sjsu.edu/students/)

Academic Integrity Policy (https://www.sjsu.edu/studentconduct/conduct-processes/academic-integrity.php)

Requesting a Late Drop (https://www.sjsu.edu/ue/student-petitions/drops/index.php)

Student Catalog with Full University Policies (https://catalog.sjsu.edu/)

Assignments

I have created our class to be about actively learning content and skill building for your future in equal measure. I look forward to co-creating with you!

Class Participation and In-class Assignments Overview
In-class activities will be conducted throughout the semester. In most cases, an assignment (written or otherwise) will accompany the activity. Participation in these activities is essential, and successful completion of them will constitute a significant portion of the total class grade.

- Attendance: You cannot participate if you are not in attendance, and in-class assignments can't be made up for credit. However, attendance alone is not enough – you must be an active participant in class discussions, activities, etc. Obviously, we all need a safety net when life gets in the way of our best intentions so please see the Student Safety Net below.
- Zoom Name: Please make sure your Zoom name matches your Canvas/Registered name. I will be screen capturing to match attendance to assignments submitted for credit. Any in class assignments submitted for credit without live attendance will result in a zero yo l ou cipat activ s it t stem ame matze n tiv oipan stve net nt Safety Ne

Consent for Recording of Class and Public Sharing of Instructor Material IS NOT Granted.

- “Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor’s permission to make audio or video recordings in this class. Such permission allows the recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; א

Present & Share Your Assigned Reading Reflection: Once Per Student, Per Semester
20 points
On a date of your choosing, chosen in Canvas/Google Docs (link in Canvas), you will present your reflection to the class.

comfort in working with numerical data. Individuals with strong QL skills possess the ability to reason and solve quantitative problems from a wide array of authentic contexts and everyday life situations. They understand and can create sophisticated arguments supported by quantitative evidence and they can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate).

Area R GE Assessment Requirements That This Work Fulfills

To accurately reflect students' best work, we are asking that the assignment be something that 1) students complete near the end of the semester and 2) is a significant portion of their course grade (at least 10%) and uses the rubric developed by the American Association of Colleges and Universities to assess students' proficiency in quantitative reasoning. The rubric looks at 6 areas of competence:

- Interpretation - Ability to explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words)
- Representation - Ability to convert relevant information into various mathematical forms (e.g., equations, graphs, diagrams, tables, words)
- Calculation - Ability to successfully complete calculations that are sufficiently comprehensive to solve the problem, and clear and concise
- Application / Analysis - Ability to make judgments and draw appropriate conclusions based on the quantitative analysis of data, while recognizing the limits of this analysis
- Assumptions - Ability to make and evaluate important assumptions in estimation, modeling, and data analysis
- Communication - Expressing quantitative evidence in support of the argument or purpose of the work (in terms of what evidence is used and how it is formatted, presented, and contextualized)

The How (a very brief overview)

Final Deliverable: Data-Driven Video Presentation

- It is your responsibility to check your grade in Canvas throughout the semester. You will have a final opportunity to check your grades before they are submitted to SJSU after the final exam. If you fail to address any issues/discrepancies before this time, no changes will be made after grades are submitted unless it is due to instructor error.
- You will have one week from the posting of each grade update to address any concerns/mistakes with your instructor. After this one week, grades will become permanent and unchangeable. It is your responsibility to ensure your grade is correct weekly. Incorrect grade change requests at the end of the semester will not be honored.
- In order to pass with a C or better, students must submit the major course project(s), which are those that are worth 100 points.

Grades will be based on the following:

Assignment	Points
In Class Activities (up nّQ ھ	

Module/ Week	Topics/Assignments You will submit work to Canvas for credit both in class (live via Zoom due before class ends) and asynchronously as homework due on Friday before 11:59pm PST. Reading reflections for the assigned pages below are due no later than 11:59 pm PST to Canvas the Friday before we discuss them in class. In class work and homework cannot be made up. Please see the student safety net above.	Canvas Deliverables Submit no later than 11:59 pm PST on:
0	Welcome – First Day of Classes Choose Your Individual Primary Project Topic	Jan 26
1	Research Methods Slime Introduction, Chapters 1 & 2 Oral Presentation Dates Released for Student Selection	Feb 3
2	Algae: Introduction & Natural History Slime Chapters 3 & 4: Algae Get Complicated and Land Ho, Going Once. Slime Chapters 5 & 6: Land Ho, Going Twice and Looking for Lichens	Feb 10
3	Algae: Form & Function Slime Chapters 7 & 8: Brain Food and Seaweed Salvation Slime Chapters 9 & 10: On a Grand Scale and Welshmen's Delight	Feb 17
4	Oral Presentations Begin! Algae: Evolution Slime Chapters 11 & 12: A Way of Life and Flash! Slime Chapters 13 & 14: Spirulina and Feeding Plants & Animals	Feb 24
5	Individual Oral Presentations Slime Chapters 15 & 16: In the Thick of It and Land Ho, Going Thrice Slime Chapters 17 & 18: Seaweed Stuff and Algae Oil	March 3
6	Individual Oral Presentations Slime Chapters 19 & 20: The Algae's Not for Burning and Ethanol Slime Chapters 21 & 22: The Future of Algae Fuel and Gadzoox	March 10
7	Individual Oral Presentations	
