

Communicating Ocean Sciences to Informal Audiences SIO180

Winter 2021 Course Information
Wednesday, 1:00 p.m. - 3:50 p.m.,
Remote Course Offering

Course Description:

Students develop fundamental science communication and instructional skills through the understanding and application of learning theory, interpretive techniques, and pedagogical practices, which occur in the context of communicating ocean science concepts to a diverse audience at Birch Aquarium at Scripps.

Instructors:

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Our offices are in the Education Department at Birch Aquarium. During Winter Quarter, you may see us teaching from one of the Aquarium's virtual classrooms or remotely. We hope to be able to invite you all to the aquarium in the future.

Office Hours:

Zoom Office Hours:

Wednesday, 4:00 p.m. - 5:00 p.m. or by appointment
See our Canvas site for the link

Discussion Board Office Hours:

We will be available on the class Discussion Board on Monday mornings from 9 a.m. to 10 a.m. to respond to your question in real time.

Teaching Philosophy

Learning is a journey that can bring us all together, in and out of the classroom. Our learning journey is an opportunity to expand our knowledge and experiences safely, while being respected and valued. We support the values of UC San Diego to "create a diverse, equitable, and inclusive campus in which students, faculty, and staff can thrive". We strive to uphold the values articulated by the Office of the Vice Chancellor for Diversity, Equity, and Inclusion: "We believe that true excellence is achieved through productive relationships among people of diverse perspectives. When the collective talents of our students, faculty, and staff at UC San Diego are united in an environment that is open and inclusive, creativity and innovation prospers." We hope you will join us in creating a learning community that exemplifies these ideas. For more information, please visit: <http://diversity.ucsd.edu>

Name and Gender Pronouns

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual

orientation, gender, gender variance, and nationalities. Class rosters are provided by the university. We will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me early in the quarter so that I may make appropriate changes to my records.

Communication Statement

This course is based around developing communication practices. While much of the content is focused on how scientists communicate their work, effective communication starts in our class and with our peers. It is our goal that the students in this class form a supportive learning community that encourages the sharing of ideas and provides the space to learn. It is our belief that effective communication stems from a willingness to be open and honest, in both what we share and also what we hear.

Course Expectations

We encourage students to participate in the course during the scheduled weekly meeting time. However, we understand that this is not always possible. Students needing to participate asynchronously should be sure to watch the weekly recorded lectures, participate in the alternative discussion assignments, and make best use of office hours to ensure mastery of course content and timely completion of assignments.

We expect students to:

- Be prepared. Read this syllabus carefully and be prepared for assignments.
- Ask questions. Ask questions for clarity or understanding of us and your peers.
- Actively participate in class, either synchronously or asynchronously. The more you add to the discussions, the more you will gain. You will notice that this course is different than many others,
- Be flexible. During the time of Covid, we are all asked to be flexible and adapt as situations change, often without warning. We will communicate changes as we learn of them and ask for your understanding as we all navigate this situation together.
- Be gracious. When we are not teaching this course, we are responsible for education programming at Birch Aquarium. Sometimes this can mean unanticipated changes to our availability. We will do our best to avoid this, but we ask for understanding if changes to our office hour schedule occur.
- Demonstrate Integrity.

Students can expect us to:

- Share our enthusiasm. We will bring our passion and excitement for learning and science to the class.
- Be responsive. We will provide timely responses to student questions and inquiries. We will work to ensure that the responses are provided in the manner that works best for the student.
- Provide feedback. We will provide timely feedback on student work, likely via Canvas. We are also committed to ensuring shared understanding of feedback

and welcome the opportunity to meet with students individually to discuss their work.

- **Be Reasonable:** The pandemic has added another layer of complexity to our learning environment. We will strive to be as reasonable as possible when considering accommodations and requests; however, we will ensure that any exception that is made for one student would also be afforded to their classmates.
- **Demonstrate Integrity.** We will uphold the Principles of Community and act with integrity at all times.

Course Materials and Tools

Canvas

All course materials will be available on the course Canvas site. Written assignments should be turned in online prior to the start of class. If you have questions about using the site, please let the instructor know as soon as possible. Feedback on assignments will be given online via Canvas, email, or Google platforms.

Zoom Link and Recording

We will utilize the Zoom platform for our course sessions. To join the class, make sure you are logged into your UCSD Zoom account. The link for class and office hours will be in the Zoom LTI Pro section of Canvas.

The course Zoom sessions will be recorded and the recordings will be uploaded to Canvas for viewing asynchronously.

Reading Materials

Course reading materials will be available via Canvas. Please let us know as soon as possible if you need help accessing these.

Course Requirements and Schedule

Requirements:

1. Attend class (either synchronously or asynchronously) and participate in discussions and online assignments. This may include completing in class/online activities or posting to the discussion board. All students should uphold the Student Conduct Code and UCSD Principles of Community while participating in all aspects of class.
2. Complete assigned readings and be prepared to do **Quick Writes** weekly. If you miss the Quick Write you may not be able to make it up.
3. Complete projects throughout the quarter to demonstrate your understanding of course content. The projects include:
 - a. Science Podcast episode
 - b. Social Media Campaign

c. Facilitated Video Lesson- Elementary Class

4. Conduct **Peer Evaluations** of activities completed by other students in the class.
5. Conduct a **Final Presentation** during the final session (3/19) of the course. You will have approximately 10 minutes for this presentation, which should demonstrate how you would modify your previously designed lesson for a college course. The presentation must be interactive. Students unable to complete this during the scheduled final for this course need to contact the instructors in advance to arrange an alternative.
6. For a full list of all assignments by week, please see the weekly assignment chart.

You will receive additional information about each assignment as we move through the quarter. For many of these items, there may be multiple ways to demonstrate completion and understanding. These may include utilizing audio, video, and/or written components.

Grading

Assignments	Points
Quick Writes (10 x 10 points each)	100
Participation in weekly discussions (10 x 20 points each)	200
Peer Evaluations	50
Final Presentation*	200
Projects	
Science Podcast*	100
Social Media Campaign*	150
Facilitated Video Lesson*	200
Total	1000

All assignments denoted with an asterisk (*) must be completed in order to pass the course. If you are taking the course P/NP, you must complete all items with an asterisk (*) and earn at least 750 points to receive a Pass grade.

Late assignments may be penalized 10% for each day they are late. Documented, valid excuses will be taken into consideration. If you will be absent due to other academic commitments (research cruises, conferences, etc.), you must contact an instructor prior to your absence to discuss how to make up assignments.

Grade Scale

A = 90-100% **B** = 80-89% **C** = 70-79% **D** = 60-69% **F** = 59%-below

UC San Diego Academic Policies

Academic Integrity

Academic Integrity is expected of everyone at UC San Diego. This means that you must be honest, fair, responsible, respectful, and trustworthy in all of your actions. Lying, cheating, or any other forms of dishonesty will not be tolerated because they undermine learning and the University's ability to certify students' knowledge and abilities. Thus, any attempt to get, or help another get, a grade by cheating, lying or dishonesty will be reported to the Academic Integrity Office and will result in sanctions. Sanctions can include an F in the class and suspension or dismissal from the University. So, think carefully before you act. Before you act, ask yourself the following questions: a) is my action honest, fair, respectful, responsible, and trustworthy, and b) is my action authorized by the instructor? If you are unsure, don't ask a friend, ask your instructor, instructional assistant, or the Academic Integrity Office. You can learn more about academic integrity at academicintegrity.ucsd.edu.

Accessibility

Students requesting accommodations for this course due to a disability must provide a current Authorization for Accommodation (AFA) letter issued by the Office for Students with Disabilities (OSD) which is located in University Center 202 behind Center Hall. Students are required to present their AFA letters to Faculty (please make arrangements to contact me privately) and to the OSD Liaison in the department in advance so that accommodations may be arranged.

Contact the OSD for further information: <https://disabilities.ucsd.edu/>.
osd@ucsd.edu | 858. 534.4382

Discrimination and harassment

The University of California, in accordance with applicable federal and state laws and university policies, does not discriminate on the basis of race, color, national origin, religion, sex, gender, gender identity, gender expression, pregnancy (including pregnancy, childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition, genetic information, ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services (including membership, application for membership, performance of service, application for service, or obligation for service in the uniformed services). The university also prohibits harassment based on these protected categories, including sexual harassment, as well as sexual assault, domestic violence, dating violence, and stalking. The nondiscrimination policy covers admission, access, and treatment in university programs and activities.

If students have questions about student-related nondiscrimination policies or concerns about possible discrimination or harassment, they should contact the Office for the Prevention of Harassment & Discrimination (OPHD) at (858) 534-8298, ophd@ucsd.edu, or reportbias.ucsd.edu.

Campus policies provide for a prompt and effective response to student complaints. This response may include alternative resolution procedures or formal investigation. Students will be informed about complaint resolution options.

A student who chooses not to report may still contact CARE at the Sexual Assault Resource Center for more information, emotional support, individual and group counseling, and/or assistance with obtaining a medical exam. For off-campus support services, a student may contact the Center for Community Solutions. Other confidential resources on campus include Counseling and Psychological Services, Office of the Ombuds, and Student Health Services.

CARE at the Sexual Assault Resource Center
858.534.5793 | sarc@ucsd.edu | <https://care.ucsd.edu>

Counseling and Psychological Services (CAPS)
858.534.3755 | <https://caps.ucsd.edu>