Atmospheric and Oceanic Sciences A&O SCI 19, FIAT LUX:

Oceanographic Field Trip
Undergraduate Course
SYLLABUS DRAFT (Subject to Change)
Please read the full syllabus!

It is required that all students (enrolled and waitlisted) come to the safety lecture on April 25th, 4:00 to 5:00 pm. The lecture will provide important safety information. Without participation in the preparation lecture, participation in the field trip is not permitted. If enrolled students cannot participate in the preparation lecture, please unsubscribe from the course to allow waitlisted students to enroll. Thank you!

Course Description:

Oceanographic field trip to the Santa Monica Bay with the Marine Education and Research Zodiac of the Department of Atmospheric and Oceanic Sciences, with 2x 1 hr preparation lecture before and 1 hr closing lecture after the field trip. Students will gain insight how oceanographers work in the field and will be directly involved in on-board sampling and on-shore measurements.

Prerequisites:

No theoretical prerequisites. Students must have the physical ability to participate in the oceanographic field trip on a zodiac, e.g., they must be able to move and hold on during potentially rough sea, to listen to instructions, and to recognize potentially dangerous situations. If you feel unsure whether you are physically able to participate in the field trip, please contact the instructor.

Instructor:

Professor Tina Treude
5859 Slichter
(310) 267-5213
ttreude@g.ucla.edu

Textbook:

The Textbook "OCEANS - A Very Short Introduction" ISBN 978-0-19-965507-6 is recommended but not required. Readings will be provided on the class website. Please read this material before the preparation lecture.

Class Website:

https://ccle.ucla.edu/course/view/19S-AOSCI19-1
Office Hours:

Tina Treude  
Mon 2:00 - 3:00 pm  
Wed 2:00 – 3:00 pm  
SLICHTER 5859

Classes

Oceanographic Introduction Lecture  
Thursday, April 18th  
4:00-5:00 pm  
location TBD

Zodiac Safety Meeting (mandatory!)  
Thursday, April 25th  
4:00-5:00 pm  
location TBD

Field Trip Debriefing Meeting  
Thursday, May 16th  
4:00-5:00 pm  
location TBD

Field Trip

Zodiac Field Trip (mandatory!)  
Thursday, May 2nd  
full day (8:00 am to ca. 4:00 pm)  
Marina Del Rey

Zodiac Field Trip Backup Day (mandatory! if the first field trip date is cancelled due to bad weather conditions)  
Thursday, May 9th  
full day (8:00 am to ca. 4:00 pm)  
Marina Del Rey

Field trips will start from Marine Del Rey (details will be provided during the first class). Students are required to organize their own transportation to Marina Del Rey.

Students will be split into max three groups for the field trip (max. capacity of the Zodiac are 10 persons including captain and teacher).

You will be asked to sign up for the Zodiac online platform. This is a requirement to provide information for the field trip via the Zodiac team. Details will follow by email.
Please note that the field trip could be cancelled spontaneously due to bad weather situation (latest in the early morning of the field trip day). In that case we will use our backup day.

Important Information

- Students are required to sign a UCLA Waiver of Liability before the field trip.
- No food or drinks will be provided during the field trip. Students are responsible to bring their own snacks and soft drinks. Be aware that the zodiac does not provide much space and is constantly moving. Bring food and drink that are easy to handle and don't spill easily.
- There will be no restroom breaks during each of the field trip sub-sections (each will last probably 2 hours).
- No alcoholic beverages are allowed on board the zodiac.
- Close-toed shoes are required, i.e., no flip-flops, no sandals or similar are allowed. **IF YOU ARRIVE WITH THE WRONG SHOES YOU WILL BE EXCLUDED FROM THE FIELD TRIP.**
- Dressing in layers, bringing a hat and sunscreen is highly recommended. It can be chilly during the morning/evening and the sun can be strong during the day. If the weather forecast predicts rain, bring rain protection (no umbrellas on board!).
- Use of seasickness medication is highly (!!!) recommended, even if you believe you do not get seasick. Medication should be taken at least 20 minutes before (!!!) boarding the zodiac. If know that or if you are unsure if you get seasick, avoid food/drinks that might irritate your stomach (e.g. coffee).

Pass/Fail Rules

For passing this class it is required that:

- Students participate in the safety lecture and the field trip.
- Students submit a field trip protocol, which will be graded pass/fail. Submission deadline is **June 7th 2019**. Please submit the protocol via email to the instructor. Please write your name and UID on the protocol. Further instructions will follow.

The Fine Print

Academic integrity is expected at all times and violations will be reported to the Dean of students. Collaboration between students is never permitted except when explicitly allowed by the instructor. All students enrolled are expected to have read the relevant policies at [http://www.deanofstudents.ucla.edu/Portals/16/Documents/StudentGuide.pdf](http://www.deanofstudents.ucla.edu/Portals/16/Documents/StudentGuide.pdf)

Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. Students who have experienced sexual harassment or sexual violence can receive confidential support and advocacy at the CARE Advocacy Office for Sexual and Gender-
Based Violence, 1st Floor Wooden Center West, CAREadvocate@caps.ucla.edu, (310) 206-2465. You can also report sexual violence or sexual harassment directly to the University’s Title IX Coordinator, Kathleen Salvaty, 2241 Murphy Hall, titleix@conet.ucla.edu, (310) 206-3417.
Information about the Zodiac

More information about the Zodiac can be found here: https://www.atmos.ucla.edu/resources/department/zodiac