



To: UCD AAUS Scientific Diver Candidate

From: The UC Davis Diving Safety Office

Subject: UC Davis AAUS Scientific Diver Course May 2024

COURSE DESCRIPTION:

The UC Davis Scientific Diver Certification Course trains staff and evaluates their readiness to use scuba under the auspices of UC Davis. This is accomplished through lectures, workshops, field exercises, and in-water development and evaluation of breath-hold diving and scuba diving skills. This course is an intensive program that requires significant preparation prior to attendance.

Scuba divers involved in subtidal research and/or training programs through an educational institution, such as UC Davis, are exempted from the Federal OSHA regulations concerning commercial diving if they have passed an approved training program. (Among other requirements). This course meets those requirements and those of the American Academy of Underwater Sciences (AAUS).

UC Davis AAUS Scientific Diving Course will concentrate on diving safety and planning. There will be further development of scuba skills, diving related physics, physiology, dive planning, search and recovery, accident management and diver rescue. Certifications for Scuba Rescue, DAN First Aid for Professional Divers, and AAUS Scientific Diver will be earned.

This course trains divers in the knowledge and skills needed to manage risks and handle limited in-water problems and diving emergencies. Included are: Diving 1st Aid, O₂ for diving emergencies, AED's, assists, transports, surface rescues and rescues from depth involving both boat and shore based skin and scuba divers.

Along with more development of theory and techniques related to diving, this course will provide lectures and practical application of advanced diving techniques and how to use these diving skills in a subtidal research project will be discussed and practiced.

Course Dates: May 6 – 17, 2024

***Students must complete the DAN DAFPro and AAUS Scientific Diver ELearning Modules before the course** *(these modules take a significant amount of time to complete, plan accordingly).*

***All course prerequisite required paperwork is due on or before Fri, April 5.**

Course Schedule:

Session 1: May 6-10 at Fort Bragg Pool and Albion Field Station

Session 2: May 13-17 Ocean training and checkout dives at Bodega Marine Laboratory

***Exact meeting times/location, TBD**



-This will be an intensive course (utilize ELearning for prep, and then a series of long days at the Mendocino and Sonoma Coast (*You will not have time for anything else during the week*).

- Much of the course will take place outdoors

Masking requirements, as well as access to classroom and other indoor facilities, will continue to be evaluated as the course approaches, and as covid policies/protocols allow.

COURSE COST: \$1,000.00 UC (*+36% NUD for non-UC Clients) and includes instructor-supplied texts, materials & certifications. (****Does not include housing and meals***)

**All training rates are subject to a Non-University Differential (NUD) assessment for non-University of California clients*

- Participants will be given a tuition invoice approx 1 month prior to the class. Please make tuition payments payable to the "Regents of the University of California."
- UC DaFis re-charge #'s, Purchase Orders, check or cash in the exact amounts are acceptable forms of payment (*Sorry, credit card payments cannot be processed*)

HOUSING AND MEALS:

--Housing is available at the Albion Field Station during Session 1 of the course, and housing and meals are available at Bodega Marine Lab for Session 2 of the course (*additional cost). Please contact Course Instructor for current rates and to be added to our group reservation.

ENROLLMENT:

- Course enrollment is limited (**Priority is given to UC Davis Personnel*)
- Complete UCD Webdiver application:

<https://webdiver.ehs.ucsb.edu/webdiverapplication/UCD>

PREREQUISITES:

- Basic scuba certification
- 12 logged openwater dives (*4 cold water dives)
- Complete UCD Webdiver application:
<https://webdiver.ehs.ucsb.edu/webdiverapplication/UCD>
- All required equipment (see list below)
- Regulator and BC serviced within 12 months
- "Scientific Diver" medical clearance:
<https://marinescience.ucdavis.edu/sites/g/files/dgvnsk4981/files/inline-files/UCDDivingMedicalExam.pdf>
- DAN (or other) Diving Insurance covering hyperbaric treatment
- Pass pool and ocean swim/scuba skills tests (*first 2 days of course)



REQUIRED EQUIPMENT:

- Regulator with alternate or redundant air source. (Divers must show proof of regulator service or purchase in the previous 12 months)
- Gauges (depth, time keeping, compass, cylinder pressure)
- BCD with auto inflator compatible with the regulator
- Full exposure suit (7mm with gloves, hood, and booties)
- Small U/W slate
- Mask/snorkel
- Fins
- Knife or other cutting device
- Ocean weight belt (integrated weights ok, but also need weight belt)
- Underwater Flashlight (backup recommended)

Please contact our office if you have any questions or would like to be a part of this training opportunity.

Thank you for your time,
Jason and Abbey

Jason Herum
UCD Diving Safety Officer
707-875-2072
jsherum@ucdavis.edu

Abbey Dias
UCD Assistant Boating/Diving Officer
707-875-1933
asdias@ucdavis.edu