



University of California, Davis  
Diving Safety Office  
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**To: Prospective Research Dive Student**

**From:** Jason S. Herum, UC Davis Diving Safety Officer

**Subject: UC Davis Diver Training Series, Summer 2022**

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. The UC Davis Scientific Diver Certification Course is an intensive program that requires significant preparation prior to attendance.

**COURSE DESCRIPTION:**

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 Research 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 NAUI Scuba Rescue Diver, 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 effectively handle limited in-water problems and diving emergencies. Included are: Diving 1<sup>st</sup> Aid, O<sub>2</sub> 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.

## UC Davis Research Dive Course, Summer 2022

The UC Davis Research Diver Training Course is designed for Researchers, Staff, and Students to meet training standards for the American Academy of Underwater Sciences (AAUS).

Course Dates: July 17 – August 19, 2022

### Course Schedule:

#### Session 1: at Bodega Marine Lab for pool, classroom, and ocean training

● **July 17-24.**

**\*Daily schedules will be as follows:**

July 17 (Sun) 12:00pm - 5:30pm  
July 18-22 (M-F) 8:30am-5:30pm  
July 23 (Sat) 10:00am - 5:30pm  
July 24 (Sun) 10:00am - 2:00pm

#### Session 2: Ocean Checkout Dives (Camping on the Sonoma Coast)

● **August 15-19**

**\*Participants will meet at Bodega Marine Lab at 10:00am on Mon Aug 15, and will return to BML late Fri afternoon (+5:00pm) Aug 19.**

#### **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:
- 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)

***\*All prerequisite required paperwork is due on or before Sunday July 10***

## E-LEARNING:

Students must complete the **DAN DAFPro E-Learning module before July 17**, and the **AAUS Scientific Diver Module before Aug 15**.

*\*these modules take a significant amount of time to complete, plan accordingly.*

## ENROLLMENT:

- Course is limited to **12** students maximum  
*\*Priority is given to UC Davis Personnel*
- Complete UCD Webdiver application:  
<https://webdiver.ehs.ucsb.edu/webdiverapplication/UCD>

## COURSE COST:

- Course fee is: \$1,200.00 UC (*\*+33.7% NUD for non-UC Clients*) 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.*

Please contact us if you would like to be a part of this or other training opportunities.

Thank you for your time,  
Jason and Shelby

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