To: Prospective Research Dive Student

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

Subject: UC Davis Diver Training Series, Summer 2021

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 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.
UC Davis Research Dive Course, Summer 2021

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).

In Person Course Dates:

August 22-29, 2021 (*significant eLearning requirements to be completed prior to course start date)

Course Schedule:

- This will be an intensive course (utilize ELearning for prep, and then run 7-8 days straight at Bodega Marine Lab, including evenings and some nights (You will not have time for anything else during the week). The course will primarily take place outdoors (BML pool, Horseshoe Cove Marine Reserve, with limited access to classroom and vessels as covid policies allow).

- Space is very limited, with priority given to UCD Participants. Please sign up asap if you want a spot this year.

- Course participants will stay at Bodega Marine Lab (unless living locally) for duration of course so they can be ‘quarantined or podded’ together (*Housing numbers are limited, the dive program has reserved the bunkhouse -max occupancy during covid is 8). The dining hall will be open, meals will likely be to-go style or outdoors. Contact Jason asap if you need housing/meals.

- Daily Symptom surveys will be required for all participants unless other guidance from Campus is given.

*All UC employees and students must COVID-19 test once per week (whether vaccinated or not). This testing is required for entering BML facilities or for using BMR, and will be required for all participants unless other guidance from Campus is given.

*Non-UC people do not have to test on their own if they can show verification of vaccination. For those without vaccination, they will have to test weekly and show results (There is a pending UC policy that would require vaccinations)

PREREQUISITES:
- Basic scuba certification
- 12 logged openwater dives ( *4 cold water dives)
- Complete UCD Webdiver application: https://webdiver.ehs.ucsb.edu/webdiverapplication/UCD
PREREQUISITES (continued):
- All required equipment (see list below)
- Regulator and BC serviced within 12 months
- 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)

ENROLLMENT:
- Course is limited to 8 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: $800.00 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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