To: Prospective Research Dive Student

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

Subject: UC Davis Diver Training Series, Summer 2019

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 2019

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:

June 14 – July 19, 2019

Course Schedule:

Session 1: at BML for pool, classroom, and ocean training
- June 14-16.
- June 21-23.
- June 28-30.
  *Daily schedules will be as follows:
Fridays: 2:00pm – 6:00pm
Saturdays: 8:30am – 5:30pm
Sundays: 8:30am – 5:30pm

Session 2: Ocean Checkout Dives (Camping at the Sonoma Coast)
- July 15-19
  *Daily schedules will be as follows:
Monday: 12:00pm – 5:00pm
Tues – Thurs: 9:00am – 5:00pm
Friday: 9:00am -12:00pm

**Students needing or wanting additional diving opportunities may also wish to register for the UC Davis Altitude Diving Module, September 16 – 20, 2019 at Lake Tahoe, CA. Contact the DSO for further information.

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
- DAN (or other) Diving Insurance covering hyperbaric treatment
- Pass pool and ocean swim/scuba skills tests.
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 Staff and Graduate Students
- Complete UCD Webdiver application:
  https://webdiver.ehs.ucsb.edu/webdiverapplication/UCD

COURSE COST:
- Course fee is: $600.00 UC (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 me if you would like to be a part of this or other training opportunities.

Thank you for your time,
Jason

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