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# UH Scientific Diver Qualification Course

**August 30, 2011 – December 3, 2011**

Conducted by the University of Hawaii Diving Safety Program

This course is designed to meet the University of Hawaii and American Academy of Underwater Sciences (AAUS) knowledge and skill requirements for authorization as a Scientific Diver. Successful completion will also result in certification in CPR & FIRST AID FOR PROFESSIONAL DIVERS (incl. Oxygen Administration), and NAUI MASTER DIVER, SCUBA DIVER RESCUE, and NITROX DIVER.

## **Lecture Sessions: Tuesdays and Thursdays, 5:30-8:30 PM**

Topics will include: CPR, First Aid; Oxygen Administration for Diving Accidents; Diving Rescue and Accident Management; Applied Physics and Physiology; Equipment Design, Function, Maintenance, and Field Troubleshooting; Dive Planning and Air Management; Decompression Theory, Dive Tables and Dive Computers; Physical and Biological Diving Environment; Dive Vessel Operations; Navigation, and Seamanship; Introductions to Specialized Diving Modes.

## **Openwater/Practical Training: Saturdays 8:30AM -3:30 PM (2 Dives per day)**

Training exercises will include: Diver Rescue; Dive Accident Management; Out of Air Emergency Protocols; UW Navigation; Search and Recovery; Night Diving; Deeper Diving; Nitrox Diving; Marine Life Survey and Data Collection Methods.

## **Cost Recovery Fee: \$750.00**

Payable at the start of class. Includes textbooks, registrations, SCUBA fills, and boat charters. Divers must provide own SCUBA equipment meeting UHDSP regulations, or make prior arrangements with UHDSP.

## **Prerequisites: Open to all UH Scientific Divers-In-Training.**

- 1) Approval of advisor or major professor**, verifying need for studies or work.
- 2) UH Diver Application and UH Diving Medical Exam**

Must be received by UHDSP prior to start of semester (August 20):

- Application and certifications
- UH Diving Medical Examination and Physician's Approval to Dive

- 3) Diver-In-Training status**

Completed prior to start of diving (Sept. 17).

- Personal Equipment Service/Inspection (regulator, alternate air source, BC inflator, gauges)
- Pool swim and dive skill evaluations
- Open water skill evaluations

### **IMPORTANT NOTES:**

- For application and medical forms, see: [www.hawaii.edu/ehso/diving](http://www.hawaii.edu/ehso/diving)
- Priority will be given to divers fully qualified as Divers In Training before August 30, 2011.
- In case of over-enrollment, priority will be given based on order of university rank, Date of DIT qualification, and immediacy of need for training.

## **To Register, or for more information, contact:**

UH Diving Safety Program Office at 956-9643 or email: [dpence@hawaii.edu](mailto:dpence@hawaii.edu)  
[www.hawaii.edu/ehso/diving](http://www.hawaii.edu/ehso/diving)