

QUEST 2010 Application Form

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Attachments:

Summer Session Enrollment

(<http://www.uhh.hawaii.edu/academics/ccecs/index.php>)

Application packet for scientific diving authorization

(<http://www.hawaii.edu/ehso/diving/>)

Reference material

(<http://www.kmec.uhh.hawaii.edu/quest.htm>)

Hawaiian marine organism reference list

Hawaiian fish identification list

Hawaiian invertebrate identification list

Hawaiian seaweed identification list

all QUEST related information available at

<http://www.kmec.uhh.hawaii.edu/quest.htm>

Questions related to QUEST

Please contact:

UHH-MOP

200 W. Kawili St.

Hilo, Hi. 96720

Ph: 808-933-3907/974-7544

Fax: 808-933-0423, attn QUEST

Email: uhhmop@hawaii.edu

<http://www.kmec.uhh.hawaii.edu/quest.htm>

Questions related to UH Diving during QUEST

Please contact:

UH-EHSO, Diving Safety Program

Attn: Kevin Flanagan, Asst. DSO

2040 East West Rd.

Honolulu, Hi 96822

Ph: 808-956-6617

Fax: 808-956-6952, attn Kevin Flanagan c/o QUEST

Email: kflanaga@hawaii.edu, subject=QUEST

<http://www.hawaii.edu/ehso/diving/>

Overview of QUEST

Quantitative Underwater Ecological Surveying Techniques

QUEST is a field course offered through the University of Hawaii-Hilo campus which focuses on ecological monitoring of coral reefs using SCUBA. The course takes place during the last two weeks of May. Students will stay at Camp Kawaihae, and work from among the Puako coral reefs for the entire two weeks. Students involved in QUEST must have current University of Hawai'i Scientific Diver authorization valid throughout QUEST. SCUBA tanks and sampling equipment will be provided, but students will need to provide their own basic equipment including: BC, regulator, mask, snorkel, fins, weight belt, compass, wetsuit, felt-soled booties, and gloves. Students will also need to provide a sleeping bag, sleeping pad, linens and a water bottle for their entire stay during QUEST. An application for the QUEST program is included in this package. QUEST is composed of two different courses, QUEST (Mare 264) and Advanced QUEST (Mare 364).

QUEST (Mare 264):

Students who enroll in QUEST will learn commonly utilized nearshore underwater ecological surveying techniques and then apply them in the field using SCUBA as a research tool. Students will review the identification of common Hawaiian reef invertebrates, fishes and seaweeds. They will be introduced to a variety of surveying techniques including: visual surveying of fishes, surveying of benthic invertebrates, and photographic surveying of fishes and invertebrates. Additional lectures will cover basics in experimental design, statistical analysis, data reduction and graphic representation. Students will be in the field utilizing SCUBA to survey the coral reefs at Puako, Hawai'i. Finally, data will be reduced, analyzed, and presented in both an oral and written report. This class affords students a unique opportunity to learn and apply diving research techniques in a truly beautiful environment. Prerequisites: authorization as a scientific diver in training before start of course, and consent of instructor

Advanced QUEST (MARE 364):

Students who have completed MARE 264 with at least a "B" grade may apply for admission to Advanced QUEST. Applicants who are accepted, will be assigned as dive team leaders for the basic QUEST course (MARE 264) and will be trained in team leadership and management skills. In this leadership role, advanced QUEST students will work with the diving safety officer and course faculty to monitor the safe diving practice of each member of their team, supervise the dive team's recording of data in the field as well as their reduction and analysis, anchor the team's written and oral presentations, and provide leadership for the team in all aspects of the QUEST experience. Team leaders will also assist in training students in identification of organisms. **Admission by advance consent of the instructors and authorization as a scientific diver in training before the start of the course.**

For further information contact:

Marine Option Program, ATTN: QUEST
Natural Sciences Division
University of Hawaii at Hilo
200 West Kawili Street
Hilo, Hi. 96720-4091
Phone: 808-974-7544/933-3907; Fax: 808-933-0423
E-mail: UHHMOP@Hawaii.edu, Subject: QUEST
<http://www.uhhmop.hawaii.edu>

Checklist for QUEST (May 16-29, 2010)

In order to enroll in QUEST all of the following items must be completed:

- Application Process
 - Submit completed QUEST application form, UHH summer session enrollment form along with payment no later than February 15, 2010. You may elect to pay the lab fee as a deposit at this time.
 - Possess a valid SCUBA certification from a recognized training organization.
 - If enrolled within the UH system, applicant will need to take a species ID test.
- Upon notification of acceptance into the course (by March 1) the following must be completed:
 - 1. If a balance is due, pay the remaining balance no later than March 31, 2010.
 - QUEST 264 (May 17-29)
Tuition = \$846.00 (Graduate=\$1116.00)
Lab fee = \$700.00
Student Life Center fee = \$35
Student Fee = \$2.00
Total cost for QUEST 264 =\$1583.00 (Graduate=\$1853.00)
 - QUEST 364 (Advanced) (May 16-29)
Tuition = \$846.00 (Graduate-\$1116.00)
Lab fee = \$200.00
Student fee = \$2.00
Student Life Center fee = \$35
Total cost for QUEST 364 = \$1083.00 (Graduate=\$1353.00)
 - 2. Review and study species from the lists found at the QUEST web page. You are expected to be able to identify these organisms by sight and scientific name before QUEST starts.
 - 3. Obtain CPR & 1st Aid certification valid during QUEST.
 - 4. Possess medical insurance that is valid in the state of Hawaii during QUEST.
 - 5. Meet the UH scientific diving program requirements for diving with the University of Hawaii. This included a complete physical exam as described in the University of Hawaii Research Diving authorization form. **When Completed mail all UH diving related information directly to our diving safety officer as listed on the UH diving application form.** UH-DSO, Attn: QUEST, 2040 East-West Rd, Honolulu, Hawaii 96822, email: kflanaga@hawaii.edu

Or, in lieu of item 5:

- 6. Obtain UH Diving Safety Officer written approval for UH certification via reciprocity with the student's home institution. Please have this sent to the UH Diving Safety Office. For more information on this, please contact our diving safety officer at kflanaga@hawaii.edu.
- 7. Provide a copy of Divers alert network (DAN) insurance. If you do not have this, you can get this at: <http://www.diversalertnetwork.org/insurance/>
- 8. Provide proof of equipment service or new equipment purchase receipt valid for one year thru the month of May for your buoyancy compensator (BC & power inflator), Regulator (first & second stage, octopus & HP swivel spool).
- 9. Make travel plans to arrive at the Kona airport on the Island of Hawaii:

Arrival;

364 students May 16th no later than 11:00am

264 out of state students, requiring a UH dive checkout, May 16th no later than 11:00am

264 students who have completed a dive checkout, May 17th 12:00pm

Departure;

QUEST students will be delivered to the Kona airport by 10am, Saturday, May 29th and should plan accordingly, due to the proximity to the airport, we can only do one trip to the airport at the end of QUEST.

Highly recommended but not required:

- Emergency oxygen use course
- Rescue Diver training

Any questions concerning:

*Your application or general QUEST related questions,
please email: UHHMOP@Hawaii.edu*

*Scientific diver or diving related questions,
please email: kflanaga@hawaii.edu*

NOTE: Students will be prohibited from taking QUEST unless all items are completed before the start of the course. There are NO exceptions!

Please keep this checklist and do not sent in with application as this checklist will answer many questions you will have later!

QUEST Application Form

Quantitative Underwater Ecological Surveying Techniques
MARE 264/364

Marine Option Program, ATTN: QUEST
Natural Sciences Division
University of Hawaii at Hilo
200 West Kawili Street
Hilo, Hi. 96720-4091
Phone: 808-933-3907/974-7544;
Fax: 808-933-0423
UHHMOP@Hawaii.edu

Submit the following no later than **February 15** to the address above. You will be notified by **March 1** if you have been accepted into the course.

- Completed application form below;
 - Deposit required of total amount due or lab fee. Balance of payment due March 15.
Make checks out to **UHH-CCECS**;
 - Photocopies of both sides of your SCUBA certification, medical & DAN insurance, First Aid & CPR cards;
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A. General Information:

Course requested: *QUEST: Mare 264* *Advanced QUEST: Mare 364*

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Postal code: _____

Social Security Number: _____ E-mail address: _____

College Attending: _____ Major: _____

Degree: _____ Expected date of graduation: _____

Supporting college coursework: Please list marine-related, and/or computer courses you have taken.
(Attach additional sheets if necessary)

Course: _____ Grade: __

Course: _____ Grade: __

Course: _____ Grade: __

Course: _____ Grade: __

B. SCUBA Diving History: Please enclose a photocopy of both sides of your diver certification, First Aid, and CPR cards

Certifying Organization: _____

Certificate ID number: _____ Year certified: _____

Number of SCUBA dives made to date: _____ Number of dives in the last 12 months: _____

Date of First Aid course: _____ Date of CPR: _____

AAUS/Scientific Diver Status (If applicable, please complete the following scientific diver information)

University Scientific Diver Authorization Number: _____ Expiration Date: _____

Authorizing Institution: _____

Name of Dive Safety Officer: _____ Phone: _____

Mailing Address: _____

E-mail address: _____

Do you wish to apply for UH certification via AAUS institutional reciprocity? _____

C. Medical Insurance information:

Please enclose a photocopy of both sides of your medical insurance card(s)

Insurance company: _____ Insurance number: _____

Special medical conditions (describe): _____

D. Divers Alert Network insurance:

Please enclose a photocopy of both sides of your DAN insurance card.

DAN ID#: _____ Valid Until: _____

E. Essay:

Please enclose a short one-page essay, which discusses your academic and career goals and how QUEST will help you to attain these goals. In your essay, briefly summarize your diving experience and your experience with personal computers (during QUEST students will use IBM PC based statistical, word processing, and spreadsheet programs). If you are applying for Advanced QUEST, discuss why you are interested in being a team leader, and describe any additional experience that will help you to be an effective team leader.

Office use only: Application Received at UHH-MOP	date/\$
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