

# CALIFORNIA CA AQUACULTURE

## AQUACULTURE EDUCATION

### Introduction

California offers an array of opportunities to receive aquaculture training. Aquaculture educational and training opportunities include formal university and community college degrees, community college training certificates, and training through continuing education courses offered by both the academic institutions and private business. The following information is designed to provide general information and contacts where additional information about educational opportunities may be obtained.

### University and College Degrees

**University of California:** The University of California consist of nine major campuses located throughout the state. The UC System does not offer a degree in aquaculture, but the degree candidate may take an option in aquaculture while obtaining a degree in fields such as animal science, engineering, business management, or wildlife and fisheries conservation. Not all UC campuses offer an aquaculture option, and each campus should be contacted directly to obtain specific information. All nine campuses are included in the following listing because many students are interested in fields that are associated with aquaculture, but not covered under an aquaculture curriculum. The nine campuses are listed in Table 1 on page 2.

**University of California, Davis:** UC Davis has the largest concentration of aquaculture research and teaching in the U.C. system. Aquaculture activities are located in the vari-

ous academic departments, the Aquaculture & Fisheries Program (AFP), and at several U.C. Davis freshwater and marine research facilities. Departments that include aquaculture as an option or emphasis include the Departments of Animal Science, Agricultural Economics, Biological and Agricultural Engineering, School of Veterinary Medicine, Food Science & Technology, and Wildlife Fisheries and Conservation Biology.

The UC Davis, Aquaculture & Fisheries Program (AFP) is the recommended initial contact for information on aquaculture activities at U.C. Davis. It is one of the University focal-points for providing information about undergraduate and graduate education in aquaculture and fisheries. The AFP is an administrative program that operates the campus aquatic research and teaching facilities used in aqua-

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culture and fisheries activities. It provides support services for aquaculture and fisheries

State University System (CSU). The CSU consist of 22 campuses and include compre-

**Table 1.** List of the nine major University of California campuses, including telephone and Internet contacts.

Campus	Telephone	Internet
UC Berkeley *	(510) 642-6000	<a href="http://www.berkeley.edu/">http://www.berkeley.edu/</a>
UC Davis *	(916) 752-1011	<a href="http://www.ucdavis.edu/">http://www.ucdavis.edu/</a>
UC Irvine *	(714) 824-5925	<a href="http://www.uci.edu/">http://www.uci.edu/</a>
UC Los Angeles	(310) 825-4321	<a href="http://www.ucla.edu">http://www.ucla.edu</a>
UC Riverside	(909) 787-1012	<a href="http://www.ucr.edu/">http://www.ucr.edu/</a>
UC San Diego *	(619) 534-2230	<a href="http://www.ucsd.edu/">http://www.ucsd.edu/</a>
UC San Francisco	(415) 476-9000	<a href="http://www.ucsf.edu/">http://www.ucsf.edu/</a>
UC Santa Barbara *	(805) 893-2566	<a href="http://www.ucsb.edu/">http://www.ucsb.edu/</a>
UC Santa Cruz *	(408) 459-0111	<a href="http://www.ucsc.edu/">http://www.ucsc.edu/</a>

\*Campuses with aquaculture or aquaculture related courses.

research that is conducted by faculty who belong to the various academic departments. The administrative office of the AFP is located in the Center for Special Programs on the third floor of Meyer Hall on the U.C. Davis Campus.

**Aquaculture & Fisheries Program**

Meyer Hall  
 University of California, Davis  
 Davis, CA 95616-8521  
 PH: 916-752-7601  
[jmcampbell@ucdavis.edu](mailto:jmcampbell@ucdavis.edu)

**California Aquaculture on the Internet:**

Additional information about aquaculture education and the UC Davis aquaculture programs may be obtained through the *California Aquaculture* Internet web site at: <http://aqua.ucdavis.edu/>

**California State University System**

Formal aquaculture training may also be obtained at several universities of the California

hensive and polytechnic universities. Like the University of California System, not all campuses of the CSU offer an aquaculture curriculum. Information on what is offered at each campus may be obtained by contacting the following:

**Office of the Chancellor**

California State University  
 400 Golden Shore  
 Long Beach, CA  
<http://www.calstate.edu/>

Two California State University campuses that have been very active in aquaculture and offer aquaculture training are the following:

**Humboldt State University**

1 Harpst Street  
 Arcata, CA 95521-8299  
 (707) 826-3011  
<http://www.humboldt.edu/>

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**San Diego State University**

5500 Campanile Drive  
San Diego, CA 92182  
(619) 594-5200  
<http://www.sdsu.edu/>

**California Community Colleges**

California has one of the largest community college systems in the nation. Several of these institutions offer AA degrees and/or Technical Certificates in aquaculture technology. For information on community colleges that offer an aquaculture curriculum contact the following:

**Chancellor's Office of the California Community Colleges**

1107 Ninth Street  
Sacramento, California 95814-3607  
Information: 916-445-8752  
FAX: 916-323-9478  
TDD Calls: 916-324-8487  
<http://www.cerritos.edu/cccco/cccco.html>

**Listing of California Community Colleges**

<http://www.sp.utoledo.edu/ca2yr.html>

**College of the Redwoods:** The College of the Redwoods located in Eureka, California has a long established program in aquaculture.

Please contact the following:

College of the Redwoods  
Business and Technology Division  
7351 Tompkins Road  
Eureka, CA 95501  
<http://www.cc.ca.us>

**Continuing Education**

There are several additional mechanisms to receive aquaculture educational information in more informal settings. They include University continuing education programs conducted through The University of California, University Extension, industry association confer-

ences, U.C. Cooperative Extension, and federal agencies.

**California Aquaculture Association:** The California Aquaculture Association (CAA) is the aquaculture association for California producers, associate producers, and the general public interested in aquaculture. The CAA hosts annual conferences that contain aquaculture presentations, workshops, and trade shows. CAA producer members often participate in University workshops and sponsor cooperative workshops with Extension personnel. They publish a listing that contains information on workshops for the general public and scheduling of the annual aquaculture conference. To receive information on the annual conference and the newsletter contact the following:

California Aquaculture Association  
PO Box 1004  
Niland, CA 92257  
(619) 359-3474

<http://aqua.ucdavis.edu/organizations.caa.html>

**University Extension:** University Extension is another arm of the continuing education efforts of the University of California, and offices are located on most University of California campuses. When University Extension perceives a need for an organized educational workshop or short course in any area, they organize the concept and contact instructors from the University and/or the public sector to provide instruction. Courses may be from one day to a week in length, and participants may be charged a fee for admission. Many of the courses contain academic credit that can be applied toward a degree or professional certificate. For information on University Extension courses or to express interest in having a course organized at any of the UC campuses, contact the individual campus for information

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on their University Extension's location. University Extension on the Davis campus can be contacted through the following:

University Extension  
University of California, Davis  
Davis, CA 95616  
<http://www-unex.ucdavis.edu/>

**Cooperative Extension:** Extension Aquaculture Specialists, Extension Advisors and Sea Grant Advisors conduct training and other workshops for both producers and the general public. Producer workshops are designed for professionals in the specific commodity area and are usually restricted to these audiences because of the nature of the material. These sessions are advertised through county Extension offices, the California Aquaculture Association, and the home department of the Specialist.

Aquaculture workshops for the general public are advertised through county Extension offices, local newspapers, California Farm Bureau publications, and the CAA. They are usually organized at the request of county Extension personnel or in cooperation with the CAA. The Aquaculture Specialist does not maintain a statewide mailing list for the general public interested in aquaculture training. Requests for such workshops should be made through county Extension offices and the CAA. County Extension offices are listed under County Government in your area phone book. The CAA is listed under California

Aquaculture Association in this flier.

**National Education & Training Center:** A good source of quality aquaculture training can be obtained through the U.S. Department of Interior, U.S. Fish and Wildlife Service, National Education and Training Center (NETC). The NETC conducts training workshops in all phases of aquaculture and in all regions of the United States. The Center uses its own aquaculture professionals as instructors and contracts with academics and commercial producers to conduct classes. Course scheduling, location, descriptions, instructors, and fees are published in the Catalog which can be obtained through the following:

National Education & Training Center  
USDI/FWS  
Route 3, Box 49  
Kearneysville, WV 25430  
(304) 876-1600

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