



CONNECTING OCEANS ACADEMY

Marine Science for Teachers

The Physical Side of Marine Science



3 Graduate Science Credits

July 26-29 and August 2-5, 2010

Monday through Thursday

From 8:30 am to 2:30 pm

Fairhaven High School ~ Room # 208

12 Huttleston Avenue, Route 6

Fairhaven, MA 02719

This specialized course for teachers, presented by the University of Massachusetts Dartmouth (UMass-D) in conjunction with the Ocean Explorium at New Bedford Seaport and the Connecting Oceans Academy (COA), will focus on Earth systems using physical science. We will concentrate primarily on the ocean's role as a major contributor to the global and local climate. Special focus will use marine sciences to incorporate Science, Technology, Engineering and Mathematics (STEM) areas into the classroom, state and national science curriculum frameworks. We will be using the Ocean Explorium's Science on a Sphere® (SOS) and NASA's GLOBE program. Participating teachers will receive GLOBE certification and work with a variety of visiting lecturers from UMass Dartmouth and its School for Marine Science and Technology (SMAST). Additional class labs, hands-on activities and field experiences will be conducted at Fairhaven High School and local marine field sites. Participants will work with other COA classroom teachers in creating new ways to make the "Marine Sciences for Teachers" curriculum come alive in their classrooms.

Instructors:

- David J. Welty, Ph.D. and Jack Crowley, Ocean Explorium
- Hugh O'Mara, Global Learning Charter Public School in New Bedford

Visit www.oceanexplorium.org for other educational program titles, updates and schedule listings. You may also access selected Connecting Oceans Academy standards-based curricula modules and other free educational downloads at www.oceanexplorium.org.

SIGN UP NOW. ENROLLMENT LIMITED TO 22 TEACHERS:

You must be a K-12 classroom teacher to participate. Tuition fee for the course is \$612. All participating teachers will receive a \$400 stipend upon successful completion of the course, GLOBE Certification, curriculum resources and supplies for their classroom valued at \$50.00. For more information or assistance with your registration call CUSP office at 774-929-3002; ask for Michele or Dottie.





UMass | Dartmouth

COMPLETE IN FULL AND RETURN WITH PAYMENT TO:

University of Massachusetts Dartmouth
University Enrollment Center
285 Old Westport Road
North Dartmouth, Massachusetts 02747-2300
Ph 508.999.8857

(Please Print)

DATE, Name, Home Address, City, State, Zip code, SSN, EMAIL Address, Employer Name, Your Position or Title, Business Telephone, Emergency Contact Information, Home Phone

Date of Birth, S single, M married, F female, M male, N non-veteran, V veteran, Foreign Student, Country of Citizenship, 1 Amer. Indian/Alaskan Native, 2 Asian/Pacific Islander, 3 Black non-Hispanic, 4 Hispanic, 5 Cape Verdean, 6 White non-Hispanic, 7 Non Res. Alien, 8 Other

Prior Education Completed: High School (Name), GED (Date of GED), College/Univ. Highest Degree, School Name, Have you previously attended UMass Dartmouth, Have you previously applied for admission to UMass Dartmouth as a degree student?

Table with columns: Class#, Subject, Catalogue#, CREDIT Course Title, Unit / Approval, Permission #, NON CREDIT Course Title, Unit / Approval, Perm #, Fee

Tuition, Registration Fee, Course Fee, Health Ins, Program Fee, Campus Cntr Fee, Library Fee, Other, Total Amount Due Credit Courses, Total Amount Due Non-Credit Courses

Please circle the one that applies: Fall, Winter, Spring, Summer, Other, Year. Check the one that applies: Day or Evening

Please check form of payment below: Payment attached: Cash, Check, Visa, MasterCard, Discover, Financial Aid, AMS Payment Plan, Employer Payment, Authorized Signature

Comments, Entered By, WAIVER CODE, TOTAL AMOUNT PAID, Payment Received By

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