

Add Course Request

Submitted on: 2013-09-10 17:37:25

1. COURSE SUBJECT	MARN
2. COURSE NUMBER (OR PROPOSED NUMBER)	1160
3. COURSE TITLE	Introduction to Scientific Diving
4. INITIATING DEPARTMENT or UNIT	MARN
5. NAME OF SUBMITTER	Heidi Dierssen
6. PHONE of SUBMITTER	Phone: +1 860 405 9239
7. EMAIL of SUBMITTER	Email: heidi.dierssen@uconn.edu
8. CONTACT PERSON	Heidi Dierssen
9. UNIT NUMBER of CONTACT PERSON (U-BOX)	9999
10. PHONE of contact person	Phone: 860-405-9239
11. EMAIL of of contact person	Email: heidi.dierssen@uconn.edu
12. Departmental Approval Date	04/05/2013
13. School/College Approval Date	09/10/2013
14. Names and Dates of additional Department and School/College approvals	
15. Proposed Implementation Date	Term: Fall, Year: 2014
16. Offered before next printed catalog is distributed?	No
17. General Education Content Area	
18. General Education Skill Code (W/Q). Any non-W section?	
19. Terms Offered	Semester: Fall Year: Every_Year
20. Sections	Sections Taught: 1
21. Student Number	Students/Sections: 8
22. Clarification: Due to the logistics of safely monitoring participants, this course has been capped at eight student for every teaching assistant. It can be expanded to include more students with additional assistants.	
23. Number of Credits	2 if VAR Min: Max:

	credits each term
24. INSTRUCTIONAL PATTERN	
Seven 1.6 hour class periods, six 3-hour pool sessions, three 4-hour field trips.	
25. Will this course be taught in a language other than English?	If yes, then name the language:
26. Please list any prerequisites, recommended preparation or suggested preparation:	
27. Is Instructor, Dept. Head or Unit Consent Required?	No
28. Permissions and Exclusions:	
Other, specify: Approved medical questionnaire and liability waiver required.	
29. Is this course repeatable for credit?	No If yes, total credits allowed: Allow multiple enrollments in same term?
30. Grading Basis	Graded
31. If satisfactory/unsatisfactory grading is proposed, please provide rationale :	
32. Will the course or any sections of the course be taught as Honors?	
33. Additional Details:	
34. Special Attributes:	
35. REGIONAL CAMPUS AVAILABILITY:	
This course will be taught on the Avery Point campus which is home to the Marine Science and Technology Center and the UCONN Diving Program.	
36. PROVIDE THE PROPOSED TITLE AND COMPLETE CATALOG COPY:	
MARN 1160. Introduction to Scientific Diving First Semester. Two credits. Godfrey. Introduction to scuba diving history, physics and physiology of diving, dive planning, open-circuit diving equipment, and marine environments. Open-water diving certification possible with successful completion of course. Approved medical questionnaire and liability waiver required. Course fee \$75.	
37. RATIONALE FOR ACTION REQUESTED	
38. SYLLABUS:	
Online URL: (https://web2.uconn.edu/senateform/request/course_uploads/hmd03003-1378849045-Introduction to Scientific Diving Syllabus.docx)	
39. Course Information: ALL General Education courses, including W and Q courses, MUST answer this question	
40. Goals of General Education: All Courses Proposed for a Gen Ed Content Area MUST answer this question	
41. Content Area and/or Competency Criteria: ALL General Education courses, including W and Q courses, MUST answer this question.: Specific Criteria	

- a. **Arts and Humanities:**
- b. **Social Sciences:**
- c. **Science and Technology:**
 - i. **Laboratory:**
- d. **Diversity and Multiculturalism:**
 - 43. **International:**
- e. **Q course:**
- f. **W course:**

42. RESOURCES:

Does the department/school/program currently have resources to offer the course as proposed
YES

If NO, please explain why and what resources are required to offer the course.

43. SUPPLEMENTARY INFORMATION:

ADMIN COMMENT:

Senate approved new course 11.11.13. SenCCApprv_10/09/13kcp.
New1000course_09/11/13kcp.

Introduction to Scientific Diving

Course Syllabus

Six Lecture Sessions: T, 9:30-10.45 am

Six Pool Sessions: Th, 9:30-12:30 pm, dive-locker

Two Field Trips: Th, 9:30-1:00 pm, dive-locker

Instructor: Jeff Godfrey

Office: MSB 2223

Office Hours: by appointment

Office Phone: 860-405-9137

Cell Phone: 860-389-6104

E-Mail: jeff.godfrey@uconn.edu

Course Description

This course teaches the safe use of open-circuit scuba gear commonly used by scientific divers. Satisfactory completion of the course and allows students to apply for an openwater scuba certification, which is a prerequisite for taking the Scientific Diving course. The training received during this course exceeds the minimum standards of Scuba Diving International and The World Recreational Scuba Training Council. These additional training requirement will better prepare student for success when taking the Scientific Diving course.

Prerequisites: Medical Questioner, Liability Waiver

Depending on the results of the medical questionnaire students may need to get approval from a physician before using scuba gear.

Course Fee: \$50.00

Text: SDI Student Kit, available at the Avery Point Bookstore

Learning Objectives

Student will learn:

- ♣ History of diving with an emphasis on scientific diving
- ♣ Marine environment as it relates to diving
- ♣ Diving Physics
- ♣ Diving Physiology
- ♣ Diving Equipment
- ♣ Dive Planning

Introduction to Scientific Diving Course Schedule

Week

Reading / Assignments

One	Tues.9:30-10:45 Introduction to UConn Diving Program, History of Diving	Equipment section Diving Skills section	Thur. 9:30-12:30 Pool
Two	Review of Equipment and Diving Skill Knowledge IQs	Science section	Thur. 9:30-12:30 Pool
Three	Review of Science Knowledge IQs	Environment section	Thur. 9:30-12:30 Pool
Four	Review of Environment Knowledge IQs	Dive Planning Section	Thur. 9:30-12:30 Pool
Five	Review of Dive Planning Knowledge IQs Decompression Tables	Handouts	Thur. 9:30-12:30 Pool
six	9:30-11:15 Review		Thur. 9:30-1:00 Openwater Snorkel
Seven	Final Exam		Thur. 9:30-1:00 Openwater dives 1 and 2
Eight	Review Exam		Thur. 9:30-1:00 Openwater dives 3 and 4
Nine	Complete certification applications by		

	appointment		
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Course Requirements

Successful completion requires attendance and participation in class and pool sessions, completion of assigned reading and homework and passing of the final exam.

Grading

Students are not required to participate in openwater dives or earn an openwater certification to receive a grade. Students are only graded on participation in class and pool sessions, homework and the final exam. The final exam accounts for 40% of the final grade.