

Curriculum Action Request (CAR) (Form 4-93) Maui Community College

ORIGINAL

1. a. General type of action: program course

b. Specific type of action: (check appropriate action below)

Addition:
 regular
 experimental

Deletion:
 course
 from program

Modification in:
 credits
 title
 number and/or alpha
 prerequisites
 description
 program
 other

2. Reasons for this curriculum action: Trains marine naturalists specific to Hawai'i. Prepares students for jobs in the marine visitor industry including the Maui Ocean Center, the National Marine Sanctuary, and snorkel/scuba dive businesses, and utilizes the educational resources of these agencies.

3. Existing course:

Alpha Number Title credits

a. Proposed/modified course

Oceanography 191 v Field Experience in Marine Naturalist Training 1-3
Alpha Number Title (60 position max. space count) credits

b. Abbreviated title (16 positions max)
FLD EXP MAR NAT FIELD EXP: MAR NATUR

4. Course Description: Provides internship experiences in marine-related agencies and businesses. May be repeated. This course does not fulfill Natural Science core requirements.

5. a. Prerequisites: Enrollment in Certificate of Competence Marine Naturalist I or II programs,
Corequisites: or Marine Option Program, or consent.
Recommended preparation:

6. a. Semester offered: fall spring fall/spring as needed

b. Proposed semester/year of first offering: Fall semester 1999 year

c. Other scheduling consideration? no yes, explain:

7. Student contact hours per week: lecture hrs lab hrs lecture/lab 1-3 hrs other hrs, explain:
or 42

8. Revise current MCC General Catalog pages: 32-33, 114 2/17 page
Other:

9. Course grading: letter grade only credit/no credit either audit
10. Special fees required: no yes, explain:
 Will this request require special resources (personnel, supplies, etc.)? no yes, explain:
12. a. Maximum enrollment: 24 Rationale, if applicable:
 b. Is this course restricted to a particular room type? no yes, explain type of room required:
13. Course fulfill requirement for program (s) Certificate of Competence - Marine Naturalist I or II
 program (s)
 Course is elective for _____ program (s)
 Course is elective for AA degree _____ program (s)
14. (Course) PROGRAM CHANGE increase decrease makes no change
 in # of credit required for the program (s) affected by this action New certificate program
15. Is this course cross listed? no yes, identify course:
16. Is this course taught at another UH campus? no, specify why this course is offered at MCC:
 yes, specify campus, course, Alpha and Number:
17. Course articulation information is attached no yes

Proposed by:

Ann Cooperman 29 Oct 98
 Originator/Program Coordinator Date

Approved by:

Walter P. Hues 12/14/98
 Academic Senate Chair Date

^{REQUESTED}
 Approved by:

Richard Way Oct 30, 1998
 Division Chair: Date

Flouys 2/9/99
 Dean of Instruction: Date

^{RECOMMENDED}
 Requested by:

Billy Smith 12/14/98
 Curriculum Chair Date

W. Johns 2/12/99
 Provost: Date

Community College System
University of Hawaii
Maui Community College

COURSE OUTLINE

Field Experience in Marine
Naturalist Training

Oceanography 191v

COURSE DESCRIPTION:

Provides internship and/or research experiences in marine-related agencies and businesses. May be repeated. This course does not fulfill the Natural Science core.

SEMESTER UNITS:

1-3

HOURS PER WEEK:

1-3 lecture and/or laboratory

PURPOSES AND STANDARDS:

Certificate of Competence - Marine Naturalist I and/or II

ENTRANCE REQUIREMENTS:

Enrollment in Certificate of Competence - Marine Naturalist I or II, or Marine Option Program, or consent

DATE: October 1998

1. COURSE OBJECTIVES:

Students will:

explore relevant internships or research assistant opportunities in the marine community;

develop specific learning and/or performance objectives for the experience;

attend training sessions and complete necessary preparation for the internship as indicated by field supervisor or mentor;

serve as interns or research assistants with marine-related agencies and/or businesses;

create partnerships with marine-related agencies and businesses.

Upon successful completion of this course students will be able to work as volunteers, docents, or naturalists in marine-related fields.

2. GENERAL EDUCATION AND RELATIONSHIP TO OTHER COURSES:

This course may be used as an elective for Certificate of Competence - Marine Naturalist I and/or II.

3. TEXT AND MATERIALS:

Text materials will vary depending on the research project or internship and may involve a variety of textbooks, references, articles, brochures, videos, CD-ROMs, web sites, and other appropriate sources of information specific to the program.

4. REFERENCE MATERIALS:

Approximately 100 books and videos are available for reference in the Biology office, in the MCC Library, and at various marine-related agencies.

5. AUXILIARY MATERIALS AND CONTENT:

Videos, web sites, CD-ROMs, TV programs, 35-mm slides, pictures, diagrams, charts, posters, brochures, coloring books, fresh and frozen biological specimens, prepared microscope slides, field trips, guest lectures, educational opportunities at local marine-related agencies, service-learning.

6. METHOD OF INSTRUCTION:

Lectures, discussions, forums, conferences, demonstrations, workshops, 35-mm slides, video, web sites, CD-ROMs, in-service, research, service-learning, laboratory work, field activities, field trips, tours, group work, reports, field notes, observations, projects, student discussions, student presentations, and other short assignments.

7. COURSE CONTENT:

Content will vary depending on the opportunities available. It will include any of a variety of marine-related topics and projects being presented and/or offered by experts in the field or by agencies and businesses. Student participation may involve attending lectures, seminars, or workshops; or doing service-learning, research, or internships; or a combination of these.

8. EVALUATION:

Evaluation will be based on satisfactory completion of goals, objectives, and/or requirements of the specific internship program. Evaluation will be made by both instructor and field supervisor where appropriate.

Completion of learning/performance objectives 0-50%
Evaluation by field supervisor and instructor 0-80%

Oceanography 191v

Field Experience in Marine Naturalist Training

COURSE DESCRIPTION:

Provides internship and/or research experiences in marine-related agencies and businesses.

HOURS PER WEEK:

Vary depending on in-service project and objectives. One hour meeting each week with advisor must be arranged.

ADVISORS:

Donna Brown - Marine Option Program Coordinator
donna.brown@mauicc.hawaii.edu, extension 203
Ann Coopersmith - Biology Instructor
ann.coopersmith@mauicc.hawaii.edu, extension 312
Bob Howerton - Sea Grant Extension Agent, Aquaculture
howerton@hawaii.edu, extension
Rob Mullane - Sea Grant Extension Agent, Coastal Processes
mullane@hawaii.edu, extension 412
John Pye - Oceanography Professor
john.pye@mauicc.hawaii.edu, extension 206

PREREQUISITES:

Enrollment in Certificate of Competence - Marine Naturalist I or II, or Marine Option Program, ~~or consent~~

COURSE OBJECTIVES:

Students will

- explore relevant internships or research assistant opportunities in the marine community;
- develop specific learning and/or performance objectives for the experience;
- attend training sessions and complete necessary preparation for the internship as indicated by field supervisor or mentor;
- serve as interns or research assistants with marine-related agencies and/or businesses.

Upon successful completion of the internship students will be able to begin to work as volunteers, docents, or naturalists in specific marine-related fields.

CONTENT:

Content will vary depending on the opportunities available. It will include any of a variety of marine-related topics and projects being presented and/or offered by experts in the field, or by agencies, and businesses. Student participation may involve attending lectures, seminars, or workshops; or doing service-learning, research, or internships; or a combination of these.

EVALUATION:

Evaluation will be based on satisfactory completion of the goals, objectives, and/or requirements of the specific internship program. Evaluation will be made by both instructor and field supervisor.

Completion of learning/performance objectives	50%
Evaluation by field supervisor and instructor	50%