

REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its March 4, 1998)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesperson to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact John Winberry in advance if errors are noted. Telephone: 777-2388 or E-mail: Winberry@garnet.cla.sc.edu

NOTE: The prerequisite and curriculum changes for: Hotel Restaurant and Tourism Administration; Biological Sciences; Geological Sciences; and Marine Science Program are not available through the WEB.

I. COLLEGE OF APPLIED PROFESSIONAL SCIENCES

Hotel, Restaurant and Tourism Administration

Change in prerequisites and description

FROM: HRTA 328 HRTA ACCOUNTING. (3) (Prereq: ACCT 225 and 226)

Accounting trends and controls for the hospitality industry from a managerial point of view.

TO: HRTA 328 HRTA ACCOUNTING. (3) (Prereq: RETL 261 and 262)

Accounting trends and controls for the hospitality industry from a managerial point of view.

II. COLLEGE OF LIBERAL ARTS

Department of Art

Change in prerequisites

FROM: MART 551 16MM FILM PRODUCTION. (3)

TO: MART 551 16MM FILM PRODUCTION. (3) (Prereq: MART 262, 270, 341; or consent of instructor)

III. COLLEGE OF SCIENCE AND MATHEMATICS

A. Department of Biological Sciences

Changes in credit, prerequisites and description

FROM: BIOL 577 ECOLOGY OF CORAL REEFS. [=MSCI 577] (3) (Prereq: consent of instructor or BIOL 301 or MSCI 302) Principles of organization, structure, productivity, and biological diversity of coral reef ecosystems, with emphasis on their sensitivity and stability.

TO: BIOL 577 ECOLOGY OF CORAL REEFS. [=MSCI 577] (4) (Prereq: BIOL 301 or MSCI 311 or consent of instructor) Structure, productivity, and biodiversity of coral reefs, emphasizing their sensitivity, stability, and sustainability. Taught as an extended field experience with daily lectures and guided research activities.

B. Marine Science Program

New courses

MSCI 111 EVOLUTION OF THE MARINE ENVIRONMENT. (4) (Prereq: marine science major or consent of instructor) Origin/evolution of the earth, seas and life over geologic time; fundamental processes of plate tectonics, evolution and genetics.

Three lecture and two laboratory hours per week. Scheduled field trips are required.

MSCI 112 PROCESSES IN THE MARINE ENVIRONMENT. (4) (Prereq: marine science major or consent of instructor) Study and analysis of interacting abiotic and biotic processes determining the nature and functioning of the marine environment. Three lecture and two laboratory hours per week. Scheduled field trips are required.

Change in number, credit, prerequisites and description

FROM: MSCI 301 PHYSICAL AND CHEMICAL OCEANOGRAPHY. (3) (Prereq:

MATH 142, CHEM 112, PHYS 211; prereq or coreq: MSCI 301L)

Properties of sea water, ocean circulation and mixing, waves, tides, biogeochemical cycles, estuaries, and air-sea interaction. Three lecture hours per week.

TO: MSCI 312 PHYSICAL AND CHEMICAL OCEANOGRAPHY. (4) (Prereq: MSCI 112, MATH 142, CHEM 112, PHYS 211) Properties of seawater, mass balances, biogeochemical cycles, circulation, mixing, waves and tides, continental shelf processes, estuarine dynamics. Three lecture and three laboratory hours per week. Scheduled field trips are required.

FROM: MSCI 302 BIOLOGY OF MARINE ORGANISMS. (3) (Prereq: MSCI 102 or

BIOL 102; prereq or coreq: MSCI 302L) Fundamental biological concepts with an emphasis on adaptation to marine environments. Topics include energy capture, physiology, reproduction and behavior. Three lecture hours per week.

TO: MSCI 311 BIOLOGY OF MARINE ORGANISMS. (4) (Prereq: MSCI 112 or BIOL 112) Biological concepts emphasizing adaptation to marine environments.

Laboratory experiments emphasize principles and techniques of marine biological study. Three lecture and three laboratory hours per week.

Scheduled field trips are required.

Change in credit, prerequisites and description

FROM: MSCI 577 ECOLOGY OF CORAL REEFS. [=BIOL 577] (3) (Prereq: consent of instructor or BIOL 301 or MSCI 302) Principles of organization, structure, productivity, and biological diversity of coral reef eco- systems, with emphasis on their sensitivity and stability. Three lecture hours per week plus a two-week field experience on a Caribbean coral reef.

TO: MSCI 577 ECOLOGY OF CORAL REEFS. [=BIOL 577] (4) (Prereq:

BIOL 301 or MSCI 311 or consent of instructor) Structure, productivity, and biodiversity of coral reefs, emphasizing their sensitivity, stability, and sustainability. Taught as an extended field experience with daily lectures and guided research activities.

Change in credit, prerequisites and description

FROM: MSCI 585 COASTAL TROPICAL OCEANOGRAPHY. (3) (Prereq: MSCI 301 or consent of instructor) Descriptive oceanography of coastal tropical environments, emphasizing the physical oceanography of coral reefs. The course

includes an extended field trip to a tropical environment. SCUBA certification is urged but not required.

TO: MSCI 585 COASTAL TROPICAL OCEANOGRAPHY. (4) (Prereq: MSCI 312 or consent of instructor) Descriptive oceanography of mangrove and coral reef coasts with emphasis on physical processes. Taught as an extended field experience with daily lectures and guided research activities.

Deletions

MSCI 301L PHYSICAL AND CHEMICAL OCEANOGRAPHY LABORATORY.

MSCI 302L MARINE ORGANISMS LABORATORY. (1)