The University of Georgia

University Council
Athens, Georgia 30602

February 5, 2010

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Dear Colleagues:

The attached proposal to add MARS 1011, Introduction to the Marine Environment, to Area II, Physical Sciences of the General Education Core Curriculum, has been approved by the General Education Subcommittee and will be an agenda item for the February 12, 2010, Full University Curriculum Committee meeting. Complete course objectives and topical outline for this course are available under Browse in the CAPA system.

Sincerely,

David Shipley

David E. Shipley, Chair
University Curriculum Committee

cc: Professor Jere W. Morehead
Dr. Laura D. Jolly

Browse General Education Proposals (opens in a new window)
HELP (opens in a new window)

General Education Curriculum

General Education Core

MARS 1011 - Introduction to the Marine Environment
Course Description: Physical, chemical, and geological characteristics of the marine environment, including waves, currents, and tides; ocean chemistry and elemental cycles; and the structure of ocean basins. The role of marine environments in global systems. The effects of human activity on the marine environment and marine resources.
View complete course information in CAPA

II. Sciences (7-8 hours)

Scientific reasoning will be characterized by knowledge and application competencies in scientific method, laboratory techniques, mathematical principles, and experimental design to natural phenomena. Study of the Sciences will ensure that students gain an understanding of the natural, scientific and technologically - oriented world of which they are a part, and that they be able to engage critically and ethically with future scientific innovation.

Physical Sciences (3-4 hours)

☑ Ability to understand basic scientific principles, theories, and laws as they apply to scientific disciplines
☑ Ability to discern the role in and impact of science on society, and to identify and properly use appropriate technologies for scientific inquiry
and communication, including collecting and analyzing scientific data
☐ Ability to understand the physical universe and science's relationship to it, and to understand the scope and limits on the appropriateness
of scientific inquiry to physical phenomena

This course covers a wide range of physical, chemical, and geological principles. These include (but are not restricted to) the physics of wind, waves, tides, and ocean currents, the properties of water and the hydrological cycle, the chemistry of seawater, the structure of ocean basins and coastal zones, plate tectonics, marine sediments, atmosphere/ocean linkages, global geochemical cycles, the role of the oceans in regional and global climate, and the effects of climate change on

Approvals

Title	Name	Initiation/Approval	Initiation/Approval Date
Initiator - Marine Sciences	Brian Binder	Initiated	12/17/2009 3:08:28 PM
Department Head - Marine Sciences	James T. Hollibaugh	Approved	12/17/2009 3:25:45 PM
College/School Dean - Franklin College of Arts and Sciences	Garnett S. Stokes	Approved	1/5/2010 3:38:28 PM
UCC Sub Committee Chair	Dr. Jan M. Hathcote	Approved	2/5/2010 4:07:30 PM