

CURRICULUM PROPOSAL FORM 2000-2001

NON-GENERAL EDUCATION PROCESS A

***DEADLINES:** Deadline dates for 2000/2001 submissions: Regular proposals: October 20, 2000 to be implemented in Fall 2001; Short-Term proposals: December 8, 2000 to be implemented in Fall, 2001; Regular proposals February 16, 2001 to be implemented in Spring, 2002; March 23, 2000 for short-term courses to be implemented in Spring 2002.

PROPOSAL TITLE: Environmental Microbiology

SPONSOR(S): Dt. P. Mosto and Dr. G. Hecht

DEPARTMENT: Biological Sciences

COLLEGE: LA&S

IF LAS CHECK ONE: ___ History/Humanities Math/Sciences ___ Social/Behavioral Sciences

Check one: Undergraduate ___ Graduate

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

___ New non-gen-ed course

___ Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:

existing non-gen-ed course

___ non-gen-ed degree requirements

___ major

___ minor, specialization, concentration, track, certificate program

OCT 20 2000

DEPARTMENT
(Signature indicates approval)

Dept. Curriculum Chair / Date

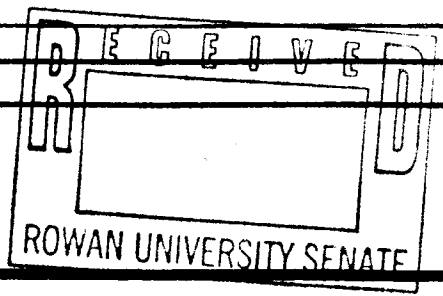
Dept. Chairperson / Date

ACADEMIC DEAN

Approved Not Approved ___

Comments:

Dean's Signature/Date Joy Hump



COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) 2/22/01 Approved Not Approved

Comments:

Signature of College Chair/Date: [Signature] 2/22/01

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed 4/26/01

Comments:

Curriculum Chair Signature [Signature] Date Announced At Senate 5-8-01

EXECUTIVE VICE PRESIDENT/PROVOST

Approved Not Approved If no, reasons are as follows:

Student Credit Hours _____ Faculty Load Hours _____ Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date): _____ Executive VP/Provost Signature/Date [Signature] 5/15/01

REGISTRAR

Date Approved Course Description Received 5/23/01 Hegis Taxonomy & Course Number Assigned _____

Registrar Signature/Date [Signature]

NOTIFICATION FORWARD

_____ Senate Curriculum Committee Chairperson _____ Academic Dean(s)
_____ Department Chairpersons _____ Registrar _____ Sponsor(s)

Minor Curricular Change

Change in course prerequisites

1. Details

- a. Change requested: Change in course prerequisites
From: Biology I and II (0401.100 and 0401.101)
To: Biology I and II (0401.100 and 0401.101), and Microbiology (0411.330).
Junior or senior standing only.
- b. Sponsors: Dr. P. Mosto, Associate Professor
Dr. G. Hecht, Assistant Professor
Department of Biological Sciences

2. Rationale

- a. Statement of Need: After teaching the course once, the faculty realized that students need to have an understanding of microorganisms before taking this course. Otherwise, too much of the semester is dedicated to basic knowledge taking time away from the application part of the course.
- b. Statement of Curricular Effect: The purpose of the Environmental Microbiology course is to provide Biology majors with an understanding of the ecology of microorganisms and their interactions with the environment. It will provide our majors with applied tools in environmental microbiology if they choose to pursue technical positions in this area of work.

3. Results of Consultation

Consultations were conducted within The Department of Biological Sciences.

CATALOG DESCRIPTION

0411.405

Environmental Microbiology

(Prerequisites: 0401.100, 0401.101, and 0411.330; junior or senior standing)

This course covers topics related to microorganisms in the environment. Deals with the actions of microbes in the terrestrial, aquatic, air and plant/animal environment. Places focus in microbial control and microbial applications.