

ROWAN COLLEGE
CURRICULUM COMMITTEE

MINOR CHANGE

RECEIVED
FEB 18 1997

BOTANY II TO

PROPOSAL TITLE: PLANT DIVERSITY 6467-201 added by DEAN

UNDERGRADUATE GRADUATE CREDIT HOURS

SPONSOR(S): Dr. Patricia Mosto

DEPARTMENT & TELEPHONE# Biological Sciences X3590

CHECK ONE:

- CHANGES IN APPROVED MINORS, SPECIALIZATIONS, CONCENTRATIONS
- CATALOGUE DESCRIPTIONS AND/OR PREREQUISITE CHANGES
- SMALL CHANGES IN COURSE CONTENT OF EXISTING COURSES WHICH DO NOT SUBSTANTIALLY VARY THE CURRICULUM
- CHANGES IN HEGIS NUMBER

STEP #1 (DEPARTMENT)

APPROVED / DATE: 12/9/96

NOT APPROVED / DATE: _____

E. J. Moore 12/9/96
(DEPT. CURRICULUM CHR./ DATE)

E. J. Moore 12/9/96
DEPT. CHR./DATE

STEP #2 (SCHOOL)

DATE REVIEWED 2/6/97

RECOMMEND TO APPROVE

RECOMMEND NOT TO APPROVE

COMMENTS:

K. P. Moore
SCHOOL CURRICULUM CHR.

STEP #3 (ACADEMIC DEAN)

RECOMMEND NOT RECOMMENDED

DATE REVIEWED: 2/8/97

Patricia Mosto
DEAN OF SCHOOL SIGNATURE

STEP #4 (CURRICULUM COMMITTEE)

SCC# 47-93

DATE RECEIVED: 2-18-96

APPROVED NOT APPROVED

Patricia Mosto
CURRICULUM COMMITTEE CHR. SIGNATURE

STEP #5 EXE. VP/PROVOST

APPROVED

NOT APPROVED

Patricia Mosto 4/29/97
SIGNATURE/DATE

REGISTRAR'S SIGNATURE/DATE B. K. [Signature] 8 Nov 97

Minor Curriculum Change

Change in the name of Botany II

1. DETAILS:

- a. Change requested: change in course title
from: Botany II
to: Plant Diversity
- b. Sponsor: Dr. Patricia Mosto

2. RATIONALE:

a. Statement of Need: The course content includes the diversity of the Plant Kingdom, and is not a sequence to Introduction to Botany. The name Botany II is confusing to students that assume they need Introduction to Botany as a requirement, or that Botany II is a sequence to Introduction of Botany. Both courses are totally independent from each other, and either satisfy the Botany requirement to major in Biology.

b. Statement of Curricular Effect: This course deals with the origin and diversity of plants. Diversity included not only the different kingdoms and division of organisms within the realm of plant world, but the diversity of alternative adaptations of plants and plant related organisms to their environments.

3. RESULTS OF CONSULTATIONS:

Dr. Elizabeth Moore, Department Chair, was consulted and agree that the name change is appropriated.

Old course name: **Botany II**

New Proposed name: **Plant Diversity**

The proposed name is based on the rationale that the course content is not a sequence to Introduction to Botany, and this course is not a prerequisite for Plant Diversity. The name change will eliminate the confusion among students in reference to the requisites or sequencing between both courses.

This course deals with the origin and diversity of plants. Evolution by natural selection will be the basis for understanding diversity among plants. Diversity included not only the different kingdoms and division of organisms, but the diversity of alternative adaptations, that is, the ways that plants and plant related organisms can

be adapted to their environments. Ecological issues as well as uses of plants and their relationships to mankind will be analyzed. Laboratory exercises will help to visualize many concepts discussed in class.

4. CATALOG DESCRIPTION

Botany II (or Plant Kingdom) 0402.201

This laboratory course considers the biology of nonflowering plants. A survey of the algae, fungi, mosses, liverworts and primitive vascular plants is made. This course may not be offered annually.

New Catalog Description

This laboratory course considers the biology of nonflowering plants and plantlike organisms. A survey of the algae, fungi, mosses, liverworts, and primitive vascular plants is made. Topics considered include the evolutionary relationships of these organisms, their morphology and life cycles, ecology, and economic importance to humans.