

ROWAN COLLEGE
CURRICULUM COMMITTEE



MINOR CHANGE

RECEIVED
NOV 14 1996

PROPOSAL TITLE: INTRO TO VIROLOGY Change in Prerequisites

UNDERGRADUATE GRADUATE CREDIT HOURS

SPONSOR(S): J. Scott, Biological Sciences Department

DEPARTMENT & TELEPHONE# 256-4582

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: Nov 4, 1996

NOT APPROVED / DATE: _____

E. J. Moran Nov 4 '96
(DEPT. CURRICULUM CHR. / DATE)

E. J. Moran Nov 4 '96
DEPT. CHR./DATE

STEP #2 (SCHOOL)

DATE REVIEWED 2/6/97

RECOMMEND TO APPROVE

RECOMMEND NOT TO APPROVE

COMMENTS:

Kent P. Heger
SCHOOL CURRICULUM CHR.

STEP #3 (ACADEMIC DEAN)

RECOMMEND NOT RECOMMENDED

RECEIVED
DATE REVIEWED: 11/17/96
DEC 17 1996

OFFICE OF THE DEAN

[Signature]
DEAN OF SCHOOL SIGNATURE

STEP #4 (CURRICULUM COMMITTEE)

SCC# 46 77-49

DATE RECEIVED: 12 20-96

APPROVED NOT APPROVED

Ronald J. Gerber
CURRICULUM COMMITTEE CHR. SIGNATURE

STEP #5 EXE. VP/PROVOST

APPROVED

NOT APPROVED

[Signature] - 4/28/97
SIGNATURE/DATE

REGISTRAR'S SIGNATURE/DATE

B. Kelsey 8 May 97

INTRODUCTION TO VIROLOGY

MINOR CURRICULAR CHANGE CHANGE IN PREREQUISITES

1. Details:

a. Change Requested:

The Prerequisites:

Currently, the prerequisites for Introduction to Virology are Biology I and II and one of the following:

Microbiology 0411.330,
Cell Biology 0401.430, or
Molecular Genetics 0422.450

We wish to replace Molecular Genetics 0422.450 on this list with our introductory genetics course, Genetics 0422.335, making it easier to be eligible to take the Virology course.

New Catalog Description will read:

0401.320 Introduction to Virology 4 s.h.
(Prerequisites: 0401.100 and 0401.101, and 1 of the
following: 0401.430, 0411.330, or 0422.335)

This laboratory course explores topics such as virus origin and evolution, their physical structure and chemical composition, taxonomy, and modes of transmission. The mechanisms involved in their control of the machinery of their host cells will be studied in detail. Particular focus will be placed on important virus-associated human and animal diseases, AIDS, and the role of viruses in cancer.

Old Catalog Description:

0401.320 Introduction to Virology 4 s.h.
(Prerequisites: 0401.100 and 0401.101, and 1 of the
following: 0401.430, 0411.330, or 0422.450)

This laboratory course explores topics such as virus origin and evolution, their physical structure and chemical composition, taxonomy, and modes of transmission. The mechanisms involved in their control of the machinery of their host cells will be studied in detail. Particular focus will be placed on important virus-associated human and animal diseases, AIDS, and the role of viruses in cancer.

- b. Sponsors: Department of Biological Sciences
Joanne Scott, Ph.D.

2. Rationale:

a. Statement of Need:

Previously we had added the list of the 3 upper-level courses to the prerequisites for the course in an effort to elevate the level of the course, making it most appropriate for junior and senior students. Unfortunately, there are too few students in our Department who can meet the current prerequisites. The change in prerequisite from Molecular Genetics, which is usually taken by juniors and seniors, to Genetics, which is usually taken by sophomores and juniors, will help alleviate this problem.

b. Statement of Curricular Effect:

The reduction in the level of a prerequisite should increase the number of students who are eligible to enroll in the course. Prior to the institution of upper-level prerequisites we had many more students interested in the course than there were seats available. After we added the upper-level prerequisites, we had fewer students enroll in the course than were seats available.

This new change in prerequisites will not significantly affect the course syllabus. Students now are taught a sufficient amount of molecular genetics in our introductory genetics course to prepare them for the course in virology.

3. Results of Consultation:

All consultation was intradepartmental. The changes are initiated by the instructor who has taught the course for several years.