

COURSE REVISION FORM

NEW _____ DROPPED _____ MAJOR REVISION _____ FOR INFORMATION ONLY XX

College Arts and Sciences Program Area Biology Date 04-03-02

Submitter *Rene Parker* Chair/Dean *[Signature]* Date *4/27/02*
Signature Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s):

Changing NSCI 201 to NSCI 301 will limit enrollment to students at the Junior and Senior levels. This is done to ensure that students who will take NSCI 301 will have the proper science background to understand the material.

College: Arts and Sciences

Program Area: Biology

Date: 04/03/02

Course Prefix & No.: NSCI 301

Course Title: Essence of Science

Credits: 3

Required by: Biology Degree

Selective in:

Elective in:

General Education: No

Lecture: X

Lecture/Lab:

Contact hours lecture: 3 hours

Contact hours lab:

Proposed or New Catalog Description (include all prerequisites):

Catalog description stays the same. (See Attached). The only change is the prerequisites.

Placement is by means of ACT scores or university-placement examination.

Course Outcome Objectives:

Course outcome and objectives stay the same. NO CHANGE

Additional instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

N/A

new course description attached 4/8/02

**Course Description for Essence of Science
NSCI 301**

3 semester credits

this course is

A review of the historical and philosophical progression of science ^{and its} as it evolved, influenced the development of society ^{or} and has been directed by society. A review of the significant advances in physical, chemical, and biological sciences and the role of mathematics in science. Emphasis on the intricate interrelationships ^{among} between all the sciences. Prerequisite: Biology 140 and Junior Standing.

is made.

W/A

*complete
sentences!*

Received from R. Parker at
ACAD senate meeting 4/8/03

**Course Description for Essence of Science
NSCI 301
3 semester credits**

This is a lecture course covering the important scientific discoveries from the ancient Greeks to the development of modern molecular biology and the human genome project. The course lectures, readings and discussions will develop how science, the scientific method and resulting technology have led to the ascent of humans to their present state of power. Such an ascent has been made possible through the relationship of mathematics, the physical, chemical and biological sciences.

Prerequisite: A college science course, junior standing or consent of the instructor.