

ARTS AND SCIENCES COLLEGE COUNCIL/CURRICULUM COMMITTEE  
INVESTIGATOR REPORT

INVESTIGATING BODY Mathematical & Natural Sci. COURSE, DEGREE, PROGRAM: BIO 110  
(Area) (department or college)  
DATE FOR COUNCIL REVIEW Mar. 5, 2004 CATEGORY: NEW, CHANGE, DROP

INSTRUCTIONS: This completed form will accompany the course application to the Graduate/Undergraduate Council(s) in order to avoid needless repetition of investigation. The following questions are included as an outline only. Be as specific and as brief as possible. If the investigation was routine, please indicate this. The term "course" is used to indicate one course, a series of courses or a program, whichever is in order. Return the form to David Leep Associate Dean, 231 Patterson Office Tower for forwarding to the Council(s). ATTACH SUPPLEMENT IF NEEDED.

List any modifications made in the course proposal as submitted originally and why.

2. If no modifications were made, review considerations that arose during the investigation and the resolutions.
3. List contacts with program units on the proposal and the considerations discussed therein.
4. Additional information as needed.
5. A&S Area A Curriculum Committee Recommendation:

APR 15 2004

APPROVE, APPROVE WITH RESERVATION, OR DISAPPROVE

6. A&S Council Recommendation:

APPROVE, APPROVE WITH RESERVATION, OR DISAPPROVE

  
A&S Council Investigator

Date: APR 15 2004



UNIVERSITY OF KENTUCKY

**Department of Biology**

*Graduate Program*

*101 Morgan Building*

*Lexington, Kentucky 40506-0225*

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Roxie Hanson  
Administrative Support Associate  
College of Arts and Sciences  
231 Patterson Office Tower 0027

Roxie,

Enclosed is an application for a change in an existing course. Although it is a major course change the overriding object of the request is to allow Bio 110, introduction to human biology and health, to be taken for USP credit.

If this proposal is approved by the A & S council I would appreciate it if you would send it simultaneously to:

- 1) Undergraduate Council
- 2) USP Committee

Thanks for your attention in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shelly Steiner', written over a horizontal line.

Shelly Steiner

**UNIVERSITY OF KENTUCKY**  
**APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR**

Submitted by College of Arts and Sciences Date \_\_\_\_\_

Department/Division offering course Department of Biology

2. Changes proposed:

(a) Present prefix & number Bio 110 Proposed prefix & number Same

(b) Present Title Introduction to Human Biology and Health

New Title No change in title

(c) If course title is changed and exceeds 24 characters (including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:

(d) Present credits: 3 Proposed credits 3

(e) Current lecture: laboratory ratio Not Applicable Proposed: \_\_\_\_\_

(f) Effective Date of Change: (Semester & Year) Fall 2004

3. To be Cross-listed as \_\_\_\_\_

Prefix and Number

Signature: Department Chair

4. Proposed change in Bulletin description:

(a) Present description (including prerequisite(s)):  
See attached sheet

(b) New description:

see attached sheet

(c) Prerequisite(s) for course as changed: No change

5. What has prompted this proposal?

See attached sheet

If there are to be significant changes in the content or teaching objectives of this course, indicate changes:

See attached sheet

What other departments could be affected by the proposed change?

None

8. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky?  Yes  No

9. Will changing this course change the degree requirements in one or more programs? \*  Yes  No  
If yes, please attach an explanation of the change.\*

10. Is this course currently included in the University Studies Program?  Yes  No  
If yes, please attach correspondence indicating concurrence of the University Studies Committee.

11. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

\*NOTE: Approval of this change will constitute approval of the program change unless other program modifications are proposed.

**January 14, 2004**

**4 A) Present description:** A course describing basic anatomical and physiological functions of various body cells, tissues, and organs and their interrelationships as a functioning whole. It also deals with basic information to the maintenance of health brief description of major and common diseases affecting man-their control and prevention.

**B) New description:** This course provides the student with a general overview of the basic dimensions of health (such as, physical, social and emotional) and the applications of these dimensions to personal wellness.

**Course Objectives (additional course objectives are listed in the course syllabus):**

**At the conclusion of this course the student should be able to identify the factors which positively and negatively affect the dimensions of health, describe the major health risks and diseases affecting contemporary society and explain the principal ways to promote health through lifestyle and behavioral changes. The student should also be conversant via current literature (e.g., internet, newspapers, science magazines) with the current status of many of the basic dimensions of health covered in the above.**

**This proposal does require additional resources (i.e, additional personnel, additional per student costs or additional space).**

**5. What has prompted this proposal?** Although this is an approved distance learning course, over the years the course (Bio 110) has evolved into the “new” description indicated above and part of the proposal was to update the current course. Additionally, the readily available internet and journal health resources offer an outstanding possibility of teaching students health literacy while introducing the students to available on-line resources for current health information. In addition a writing component will be incorporated into the course to verify that the student can a) demonstrate knowledge of major theories and phenomena associated with the field of health related illness and wellness; b) demonstrate an understanding of scientific reasoning; and c) identify the methods and practices of inquiry associated with theoretical advances in a natural science. The context of a) b) and c) will involve understanding the molecular and biochemical bases of a subset of infectious, metabolic and mental diseases, the reasoning and hypothesis behind the approaches used to establish the treatment of such diseases and the actual experimental basis for approaches that were used to treat these diseases. I therefore request that this course be considered for **USP** credit.

I also project that the proposed changes will increase the number of students that will take the course, e.g., see statement from the undergraduate director of the School of Social Work under response #7 below and change to USP status.

**6. If there are to be significant changes in the content or reaching objectives of this course, indicated changes:** The major planned change from the way the course is

**UNIVERSITY OF KENTUCKY  
APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR**

12. Is this a minor change?  Yes  No  
 (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of the Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

13. Within the Department, who should be consulted for further information on the proposed course change?

Name: Sheldon Steiner Phone Extension: 257-3870

Signatures of Approval:

*Cheryl Star*  
 \_\_\_\_\_  
 Department Chair

*Alman*  
 \_\_\_\_\_  
 Dean of the College

*Rebecca Higgs*  
 \_\_\_\_\_  
 \*\*Undergraduate Council

\_\_\_\_\_  
 \*\*Graduate Council

\_\_\_\_\_  
 \*\*Academic Council for the Medical Center

\_\_\_\_\_  
 \*\*Senate Council

*1/15/04*  
 \_\_\_\_\_  
 Date

*3/5/04*  
 \_\_\_\_\_  
 Date

*2/27/04*  
 \_\_\_\_\_  
 Date of Notice to the Faculty

*4/13/2004*  
 \_\_\_\_\_  
 Date

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Date of Notice to University Senate

\*\*If applicable, as provided by the Rules of the University Senate.

**ACTION OTHER THAN APPROVAL**

The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

- a. change in number within the same hundred series;
- b. editorial change in description which does not imply change in content or emphasis;
- c. editorial change in title which does not imply change in content or emphasis;
- d. change in prerequisite which does not imply change in content or emphasis;
- e. cross-listing of courses under conditions set forth in item 3.0;
- f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

Rev 8/02

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currently being taught will involve the inclusion of a written component that will focus on the learning objectives set forth for USP courses.

**7. What other departments could be affected by the proposed change?**

To my knowledge no other department than biology is affected by this change. Moreover, this course is not taught at Lexington Community College and the Dean for Academic affairs of Lexington Community College (Sandy Carey) has indicated her enthusiasm at have Bio 110 listed for USP credit (see her statement below). The School of Social Work, which lists this course as a potential science requisite has indicated their support changing Bio 110 into a USP course. Below is a statement from the Director of Undergraduate Studies from the School of Social Work:

**Dr. Steiner,**

**Thank you for your message concerning the proposed changes for BIO 110. This would be a welcome change from our standpoint in the College of Social Work, as we require our majors to take a human biology course, and this would offer them an alternative to completing both BIO 102 & 103 to satisfy this requirement. We do not have any objections.**

**Thank you again,  
Carole Olson  
Interim Director of Undergraduate Studies**

Response from Dean Carey, Dean of Academic Affairs Lexington Community College:

**Dear Sheldon,**

**Having BIO 110 satisfy USP requirements would help LCC students who take it without realizing it is not on the list for USP credit. The re-vamp of the course sounds exciting and I look forward to seeing it. Good luck.**

**Sandy Carey  
Dean of Academic Affairs**

**10. Is this course currently included in the University Studies Program?**

One of the purposes of the change in the course is to make Bio 110 approved for USP credit. As indicated above the modifications will include the criteria set forth by the USP committee for the natural sciences (see the response to question 5 above).

**If yes, please attach correspondence indicating concurrence of the University Studies Committee.**