

HENDRIX

PROPOSED COURSE ADDITION OR REVISION

Deadline for Area approval: 21 October 2011

Proposer: Mark Sutherland
Department/Program: Biology

Date: September 28, 2011

Area: Natural Science

Check appropriate boxes:

- ☒ New permanent course
☐ Replaces existing course:
☐ Change to existing course:

- ☐ New temporary course
☐ Make temporary course permanent
☐ Eliminate a course

Proposal – one sentence summary:

This course will provide an introduction to microbiology for students interested in allied health programs.

Proposed subject code(s) (indicate both if cross-listing): BIOL

Proposed course # or level: ~~2xx~~ 235

Proposed course title: Microbes and Human Health

Proposed course catalog copy:

An introduction to the biology of bacteria and viruses with a focus on microbes affecting human health. Laboratory Course. Prerequisites: BIOL 150 and Chem 120

Prerequisites/co-requisites and/or recommended prior courses, as listed in catalog copy:

Prerequisites: BIOL 150 and CHEM 120. Co-requisite: BIOL 340-L (Microbiology Lab)

How will the proposed revision affect any catalog lists of options for majors or minors?

Will be an elective course for some emphases in the Allied Health major. This course cannot be used as an elective for the biology major, but may be used for the biology minor.

Rationale for course within departmental and collegiate context and based on assessment results:

Professional schools in nursing, public health, physician assistant and other allied health programs prefer a human-oriented microbiology course over the general microbiology course appropriate for Biology majors. It is also problematic for our allied health majors to take an upper level biology course along with science majors who have taken several more science courses prior to taking Microbiology.

Proposed general education code(s) (check all that apply):

- ☐ EA ☐ HP ☐ LS ☐ NS ☐ NS-L ☐ SB ☐ VA ☐ QS ☐ W1 ☐ FL [Curriculum Committee]
☐ CW [CW Committee] ☐ W2 [Writing Across the Curriculum Committee]

Proposed Odyssey code(s) (check all that apply):

- ☐ AC ☐ GA ☐ PL ☐ SW ☐ UR ☐ SP [CEL Committee/Curriculum Committee]

For each of the checked general education or Odyssey codes, describe how the course fulfills the published criteria (see the Catalog, pages 18-23 or the Odyssey Program Guide, pages 10-16):

Justification for cross-listing:

How often will the course be offered? Every other year

Who will teach the course? Dr. Mark Sutherland

Equipment, supply, and bibliographic requirements (items and cost): No additional costs

Will the above items be covered by a present budget? ☒ Yes ☐ No

Approval Chain (type name and date of approval)

Department chair: Joseph R. Lombardi

Area chair: Carl Burch (October 11, 2011)