

HENDRIX

PROPOSED COURSE ADDITION OR REVISION

Deadline for Area approval: 21 October 2011

Proposer: George Harper

Department/Program: Biology

Check appropriate boxes:

☐ New permanent course

☐ Replaces existing course:

☐ Change to existing course:

Date: September 12, 2011

Area: Natural Sciences

☒ New temporary course

☐ Make temporary course permanent

☐ Eliminate a course

Proposal -- one sentence summary:

This NS-L will teach students outside of the BIOL and BCMB majors about the Evolutionary concepts that underlie modern medicine, agriculture, and conservation without requiring them to take the BIOL pre-requisites to the current 400-level Evolution courses. This course is also part of the Human Evolution

Crossing proposed by Drs. Hill, Penner, and Harper for 2012-13.

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

Proposed course # or level: ~~100 Level~~ 110

Proposed course title: Evolution for Everyone

Proposed course catalog copy:

A study of the concepts, implications, and evidence of evolution with special emphasis on how the theory of evolution is used in medicine, agriculture, and conservation. Laboratories expose students to experimental methods used in evolutionary studies. Laboratory course.

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

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

No effect - not for majors or minors

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

Broadens the NS-L options for non-biology/BCMB majors and gives students deep exposure to the concepts and research in evolutionary biology. Surveys given to current Hendrix students show that they do not know or understand much about evolution despite their thoughts to the contrary.

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):

NS-L: This is a laboratory course and will teach the students experimental design, data collection and data analysis.

Justification for cross-listing:

How often will the course be offered? Ideally once per year, but probably once every other year

Who will teach the course? Harper

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 Lombardi

Area chair: Carl Burch (October 11, 2011)