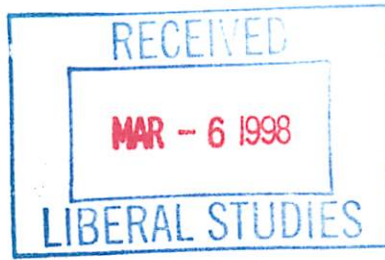


LSC Use Only
Number: _____
Submission Date: _____
Action-Date: _____



UWUCC USE Only
Number: 97-58
Submission Date: App. 3/24/98
Action-Date: Senate app. 4/7/98

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person Robert Prezant/Art Hulse Phone _____

Department Biology

II. PROPOSAL TYPE (Check All Appropriate Lines)

_____ **COURSE** _____

_____ New Course* _____

_____ Course Revision _____

_____ Liberal Studies Approval+
for new or existing course _____

_____ Course Deletion _____

_____ Number and/or Title Change _____

_____ Course or Catalog Description Change _____

PROGRAM: _____ Major Minor _____ Track

_____ New Program* _____

Program Revision* Minor in Biology

_____ Program Deletion* _____

_____ Title Change _____

III. Approvals (signatures and date)

Art Hulse
Department Curriculum Committee

[Signature]
College Curriculum Committee

+Director of Liberal Studies (where applicable)

[Signature]
Department Chair

[Signature]
College Dean

*Provost (where applicable)

Part II. Description of Curriculum Change

1. Catalog description of present program:

Minor - Biology

Minor:

Required Courses:		17sh
BI 103-104	General Biology I and II <i>or</i>	
BI 111-112	Principles of Biology I and II	8sh
Additional BI major's course		9sh ¹

Other requirements:

Must have permission of biology department chairperson

¹With approval of department chairperson.

2. Proposed changes:

Minor - Biology

Minor:

Required Courses:		20sh
BI 103-104	General Biology I and II <i>or</i>	
BI 111-112	Principles of Biology I and II	8sh
Additional BI courses		12sh ¹

Other requirements:

- For a minor in Biology a student must have at least a 2.0 GPA in all BI courses.
- For all minors in Biology, a student must take at least 8 credits of their Biology courses at IUP.
- Must have permission of biology department chairperson.

¹At least 8 of the 12 required additional BI credits must come from 200 level or higher courses.

3. Rationale for Change.

Many students at IUP elect to minor in Biology. In the past the Department of Biology required that all courses applied to the minor (with the exception of BI 103 and 104, nonmajors General Biology I and II) be majors only courses, unless specifically waived by the Chairperson of the Department. The only exception to this involved Psychology majors, who were allowed to take BI 151, Human Physiology (a nonmajor's biology course) as part of their minor.

This approach inhibited many students from other majors from taking courses for a minor in biology that were fully appropriate to their majors. For instance, students from various departments in the College of Health and Human Services could not apply courses such as BI 150 (Human Anatomy), BI 151 (Human Physiology) or BI 155 (Human Physiology and Anatomy) towards a minor in Biology. Similarly, students from this and other Colleges could not apply non-biology majors courses that might have dealt with their specific interests towards a minor in Biology. These courses include: BI 105 (Cell Biology), BI 114 (Environmental Science), BI 115 (Biotic Diversity of North America), BI 232 (Fundamentals of Microbiology), BI 241 (General Microbiology), and BI 311 (Environmental Biology).

To maintain the rigor of our Biology minor and yet allow a broader menu of courses allowed towards the minor, we propose to allow students to take any Biology course towards their minor but require an increase from 17 credits to 20 credits and mandate that at least eight of the 12 additional BI credits (beyond the required 8 credits of General Biology or Principles of Biology) are from courses at the 200 level or above.

BI 103-104 (General Biology I and II) is a nonmajors introductory biology course. It is allowed in the minor as a substitute for BI 111-112 (Principles of Biology for majors) because many students on campus take this course as their liberal studies science requirement and because it is the only such course offered on our branch campuses in Kittanning and Punxsutawney.

Part III. Implementation.

1. How will proposed revision affect students already in the existing program?

Students presently enrolled in a minor in Biology will complete the minor under the previous rules for the minor. With approval of the revision, any student wishing to start a minor in biology will follow the new guidelines.

2. Impact on faculty teaching loads, class seats, etc.?

There will be no impact on teaching loads. It is predicted that students already enrolled in many of these nonmajors courses will now be enabled to apply for a minor.

3. Are resources adequate?

Yes.

4. Do you expect an increase or decrease in number of students as a result of these revisions?

There will be an increase in the number of students able to receive a minor in biology but we expect only a minimum increase in actual student "bodies" in the classes.