

LSC Use Only No: LSC Action-Date: UWUCC USE Only No. *App* UWUCC Action-Date: *App* Senate Action Date:
02-125e APR 25 2003 APR 29 2003

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Dr. Andrew Browe	Email Address acbrowe@iup.edu
Proposing Department/Unit Natural Science/Pre-Physical Therapy	Phone 724-357-2191

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)

- New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

Current Course prefix, number and full title *Proposed course prefix, number and full title, if changing*

2. Additional Course Designations: check if appropriate

- This course is also proposed as a Liberal Studies Course. Other: (e.g., Women's Studies, Pan-African)
 This course is also proposed as an Honors College Course.

3. Program Proposals

- New Degree Program Program Title Change Program Revision
 New Minor Program New Track Other

Current program name *Proposed program name, if changing*

4. Approvals

		Date
Department Curriculum Committee Chair(s)	<i>Andrew P. Browe</i>	<i>04/21/03</i>
Department Chair(s)	<i>Andrew P. Browe</i>	<i>04/21/03</i>
College Curriculum Committee Chair	<i>[Signature]</i>	<i>04/21/03</i>
College Dean	<i>John J. Eda</i>	
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail Pedrust</i>	<i>4/25/03</i>

* where applicable

APR 22 2003

LIBERAL STUDIES

PROPOSED CHANGES IN BACHELOR OF SCIENCE IN NATURAL SCIENCE/PRE-PHYSICAL THERAPY TRACK CURRICULUM COMPARING OLD AND NEW DEGREE REQUIREMENTS

Current Program

**Bachelor of Science –
Natural Science/Pre-Physical Therapy Track**

Liberal Studies: As outlined in the Liberal Studies section with the following specifications **52-55sh**

Mathematics: MATH 121

Natural Science: CHEM 111-112

Social Sciences: PSYC 101, non-Western course

Liberal Studies Electives: COSC 101, MATH 217, no courses with SCI prefix

Synthesis: one course

Writing Intensive: two courses, at least one in College of Natural Sciences and Mathematics with an articulation agreement

Major **34sh**

Required Courses

BIOL 111 Principles of Biology I 4sh

BIOL 112 Principles of Biology II 4sh

BIOL 150 Human Anatomy 3sh

BIOL 151 Human Physiology 4sh

CHEM 231 Organic Chemistry I 4sh

CHEM 351 Biochemistry 4sh

PHYS 111 General Physics I 3sh

PHYS 121 General Physics I Lab 1sh

PHYS 112 General Physics II 3sh

PHYS 122 General Physics II Lab 1sh

PSYC 101 General Psychology 3sh

Other Requirements: **4-8sh**

Foreign Language Intermediate Level

Free Electives: **32-37sh**

Total Degree Requirements: **124sh**

Proposed Program

**Bachelor of Science –
Natural Science/Pre-Physical Therapy Track**

Liberal Studies: As outlined in Liberal Studies section with following specifications. **49sh**

Mathematics: MATH 121

Natural Sciences: CHEM 111-112

Social Sciences: PSYC 101

Liberal Studies Electives: COSC 101, no courses with SCI prefix.

Synthesis: Not required for three-year students who transfer to a professional school with an articulation agreement

Writing Intensive: Majors writing intensive course only required for three-year students who transfer to a professional school with an articulation agreement

Major **41sh**

Required Courses

BIOL 111 Principles of Biology I 4sh

BIOL 112 Principles of Biology II 4sh

BIOL 150 Human Anatomy 3sh

BIOL 151 Human Physiology 4sh

BIOL 241 General Microbiology 3sh

BIOL 263 Genetics 3sh

CHEM 231 Organic Chemistry I 4sh

CHEM 232 Organic Chemistry II or

CHEM 351 Biochemistry 4sh

PHYS 111 General Physics I 3sh

PHYS 121 General Physics I Lab 1sh

PHYS 112 General Physics II 3sh

PHYS 122 General Physics II Lab 1sh

MATH 216 Probability & Statistics 4sh

Other Requirements: **0-6sh**

Foreign Language Intermediate Level 0-6sh

Free Electives:(1) **0-30sh**

Electives to meet minimum of 90 IUP sh and a minimum of 24 sh in Humanities and Social Sciences for admission to affiliated physical therapy school after 3 years at IUP.

Maximum credits for work at affiliated physical therapy school

Total Degree Requirements: **120sh**

(1) Student is to work with his/her advisor to select appropriate free electives for professional school. Neurobiology, Biomechanics and Athletic Training are highly recommended.