

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No. <i>02-125d</i>	UWUCC Action-Date: <i>App APR 25 2003</i>	Senate Action Date: <i>App APR 29 2003</i>
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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-Pharmacy	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

<i>Current Course prefix, number and full title</i>	<i>Proposed course prefix, number and full title, if changing</i>
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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

<i>Current program name</i>	<i>Proposed program name, if changing</i>
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4. Approvals		Date
Department Curriculum Committee Chair(s)	<i>Andrew C. Browe</i>	<i>04/21/03</i>
Department Chair(s)	<i>Andrew C. Browe</i>	
College Curriculum Committee Chair	<i>[Signature]</i>	<i>04/21/03</i>
College Dean	<i>[Signature]</i>	
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail Schuist</i>	<i>4/25/03</i>

* where applicable

RECEIVED
APR 22 2003
LIBERAL STUDIES

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

Current Program

**Bachelor of Science –
Natural Science/Pre-Pharmacy 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: ECON 101, PSYC 101,

Non-Western course

Liberal Studies Electives: COSC 101, MATH 216 or 217, no course with SCI prefix

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

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

Major **37sh**

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

CHEM 231 Organic Chemistry I 4sh
CHEM 232 Organic Chemistry II 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: **4-6sh**
Foreign Language Intermediate Level (1)

Free Electives(2): **29-39sh**

Electives to meet a minimum of 90 IUP sh
And a minimum of 24sh of Humanities and
Social Sciences for admission to Shenandoah
University School of Pharmacy.

Maximum credits for work at Shenandoah
University School of Pharmacy :

Total Degree Requirements: **34sh**
124sh

Proposed Program

**Bachelor of Science –
Natural Science/ Pre-Pharmacy 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, ECON 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 pharmacy
school after 3 years at IUP

Maximum credits for work at affiliated
pharmacy school

Total Degree Requirements: **30sh**
120sh

(*) Accelerated three-year Shenandoah University School of Pharmacy program: Students are admitted to Shenandoah University School of Pharmacy accelerated Program only as incoming freshmen. A maximum of 34sh Of work may be transferred after the first year at Shenandoah University School of Pharmacy. Upon completion of the first Of studies at Shenandoah University, a transcript from Shenandoah University is to be sent to the dean of the College Of Natural Sciences and Mathematics at IUP with a note Requesting application materials for graduation.

(1) 3 or 4 sh of Intermediate-level Foreign Language may be included in Liberal Studies electives

(2) ENGL 262 is a recommended course

(*) Accelerated three-year Shenandoah University School of Pharmacy (SUSP) or Lake Erie College of Osteopathic Medicine School of Pharmacy (LECOMP) program. A maximum of 30sh may be transferred after first year at SUSP or LECOMP. Upon completion of the first year of studies at either SUSP or LECOMP, a transcript from SUSP or LECOMP is to be sent by the student to the dean of the College of Natural Science and Mathematics at IUP with a note requesting application materials for graduation

(1) Student is to work with his/her advisor to select appropriate free electives for professional school. Additional courses in chemistry and COMM 101 are recommended.