

# HEALTH PROFESSIONS AND PRELAW CENTER

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2009-2010

## PREPHARMACY PROGRAM

### SUGGESTED PLAN FOR PURDUE UNIVERSITY SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES AT INDIANA UNIVERSITY BLOOMINGTON

Indiana University does not grant a degree in pharmacy. You may complete all of your prepharmacy requirements on this campus. This plan of study is specifically designed for those students who expect to apply for admission to the Purdue University School of Pharmacy and Pharmaceutical Sciences.

General Chemistry	CHEM-C 117 and CHEM-N 330
Organic Chemistry	CHEM-C 341, 342, and 343
Biology	BIOL-L 111, <sup>1</sup> 112, and 113
Microbiology	BIOL-M 250 and 255
Anatomy and Physiology	ANAT-A 215 <sup>2</sup> and PHSL-P 215 <sup>3</sup>
Calculus	MATH-M 119 and 120 <sup>4</sup>
Composition	ENG-W 131 <sup>5</sup> and 231 <sup>5</sup>
Physics	PHYS-P 201
Economics	ECON-E 201 <sup>6</sup>

<sup>1</sup> BIOL-L 211 may be substituted for BIOL-L 111

<sup>2</sup> ANAT-A 464 may be substituted for ANAT-A 215

<sup>3</sup> BIOL-P 451 may be substituted for PHSL-P 215

<sup>4</sup> MATH-M 211 taken alone will not fulfill the calculus requirement.

Students who take MATH-M 211 will need to take an additional semester of calculus (MATH-M 212 or 120).

<sup>5</sup> ENG-L 141 and 142 may be substituted for ENG-W 131 and 231

<sup>6</sup> ECON-E 202 may be substituted for ECON-E 201

The faculty of the School of Pharmacy and Pharmaceutical Sciences approved a revised Doctor of Pharmacy (Pharm.D.) curriculum in April 2009. Although the implementation time frame is not yet firm, it is anticipated that additional requirements besides those listed above will be in place for students admitted to the professional program for the Fall 2012 semester. To meet the new pre-pharmacy requirements for the revised Pharm.D. curriculum, students may need additional courses such as biochemistry, immunology, introductory statistics, and interpersonal communications in addition to those courses listed on this pre-pharmacy plan of study. To view the proposed pre-pharmacy requirements go to [http://www.pharmacy.purdue.edu/academics/pharmd/revised\\_curriculum.pdf](http://www.pharmacy.purdue.edu/academics/pharmd/revised_curriculum.pdf). Updated information on the new curriculum and its requirements will be posted on [www.pharmacy.purdue.edu](http://www.pharmacy.purdue.edu) once it becomes available.

Please consult the publication *Pharmacy School Admission Requirements*, available in the Health Professions and Prelaw Center, for information on the requirements for other schools.

Please note: Students should be aware that some health professions programs will not accept Advanced Placement credit or credit-by-examination towards meeting admission requirements, or accept such credit only under restricted circumstances. Students should also be aware that receiving an exemption from a degree requirement is not generally considered equivalent to Advanced Placement credit, credit-by-examination, or credit from coursework.

## GENERAL ELECTIVE REQUIREMENTS FOR THE PREPHARMACY PROGRAM PURDUE UNIVERSITY SCHOOL OF PHARMACY

A particular focus of the general education course selections is the development of perspectives from the behavioral, social and humanities areas of knowledge that contribute to student growth as a citizen and a professional. The professional curriculum also provides at least nine (9) additional credits for elective course opportunities. The general education breadth requirement will be satisfied by student selection of a minimum of one course from each of at least three course groupings.

Students are encouraged to develop a well-rounded scientific and general education perspective as a framework for comprehensive analysis of societal issues as they affect health problems, health care and social services. Consult with an academic advisor in the Health Professions and Prelaw Center for specific IUB courses that will fit the categories/groupings listed below.

### General Education Course Groupings

The curriculum requires at least nine (9) credits for elective course opportunities. Students must select a minimum of one (1) course from each of the following course groupings. **All groups must have a minimum of 3 credit hours (elective must be higher level than any core requirements).** General electives are not required for admission but must be completed to qualify for graduation from the pharmacy program. You are encouraged to fulfill the general elective requirements as you progress through the prepharmacy curriculum.

#### Humanities and Behavioral Sciences (Group 1)

Subject	Credits
Audiology and Speech Sciences	3
Child Development and Family Sciences	3
Communication	3
English	3
Foreign Language and Literatures	3
Health and Kinesiology	3
History	3
Interdisciplinary Studies – Liberal Arts	3
Philosophy	3
Political Science	3
Psychology	3
Sociology and Anthropology	3
Visual and Performing Arts	3

#### Business and Administration (Group 2)

Subject	Credits
Agricultural Economics	3
Consumer Sciences and Retailing	3
Economics	3
Hospitality and Tourism Management	3
Management	3
Organizational Leadership and Supervision	3

### Science and Technology (Group 3)

Subject	Credits
Agronomy	3
Astronomy	3
Biochemistry	3
Biology	3
Botany	3
Chemistry	3
Computer Science	3
Computer and Information Technology	3
Earth and Atmospheric Sciences	3
Entomology	3
Food Science	3
Foods and Nutrition	3
Forestry and Natural Resources	3
Health Sciences	3
Horticulture	3
Mathematics	3
Physics	3
Statistics	3

### APPLICATION PROCESS

1. Before applying for admission to Purdue University School of Pharmacy and Pharmaceutical Sciences, you should contact one of the academic advisors in the Office of Student Services (765) 494-1357 or [oss@pharmacy.purdue.edu](mailto:oss@pharmacy.purdue.edu) for current, accurate information. The representative from Purdue University School of Pharmacy and Pharmaceutical Sciences usually visits the Health Professions and Prelaw Center in the fall. We encourage you to meet with him in order to learn more about the most current admission standards and processes.
  2. An application must be submitted to the Pharmacy College Application Service (PharmCAS) at the following address: <http://www.pharmcas.org>. Note the deadline of December 1 for Purdue. A supplemental application for Purdue also needs to be submitted by December 1. A more detailed explanation will be found at: <http://www.pharmacy.purdue.edu/academics/pharmd/admissions.php>.
  3. Admission requires more than good grades and it is vital, to be successful, that you become a thoughtful, well-prepared applicant. You need to have shadowed professionals generously, developed your skills interacting with people, considered involvement in the community or on campus, and considered alternative professions. The average GPA of recently admitted classes has been approximately 3.70.
  4. The Purdue University School of Pharmacy considers the following when choosing from those who apply for admission:
    - a. cumulative grade point average for all coursework taken after high school, with particular attention to pre-pharmacy core science courses
    - b. previous work experience and leadership experience
    - c. volunteer service experience
    - d. two letters of recommendation (required)
    - e. writing, verbal, and interpersonal abilities
    - f. initiative to learn about pharmacy career paths
    - g. the results of a personal interview
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We encourage you to use e-mail to ask questions, check your recommendation files, and to communicate with our advisors. Send e-mail to an individual advisor or to [hplc@indiana.edu](mailto:hplc@indiana.edu). Please check the Health Professions and Prelaw Center website at <http://www.hplc.indiana.edu> for notices of upcoming meetings, campus visitations, and other items of interest.

This document has been prepared for Indiana University - Bloomington students by the Health Professions and Prelaw Center. Please note that specific requirements and policies can change at any time without notice. Students are responsible for obtaining the most current information directly from the application services, schools, and programs in which they have an interest.

This document has been prepared with the cooperation of the Purdue University School of Pharmacy and Pharmaceutical Sciences advising office. The information contained in this document is subject to change as a result of action by federal and/or state governments, the trustees of Purdue University, the administration of Purdue University, and the faculty of the School of Pharmacy and Pharmaceutical Sciences.