

# Harper College Transfer Planning Guide

## Associate in Science – Pre-Pharmacy Sample Plan

### Transfer & Career Notes

A license to practice pharmacy is required in all states. In order to obtain a license, you must graduate from an accredited pharmacy program, pass a state board exam, and have a specified amount of practical experience or serve an internship under the supervision of a licensed pharmacist.

The Doctor of Pharmacy (Pharm.D) degree is a professional degree that requires 4 years of professional Pharmacy study. Although admission requirements vary, most pharmacy schools require two years of pre-pharmacy education at a community college or university with an emphasis in math and basic science. Some pharmacy schools require or give preference to applicants who have previously earned a BS or BA degree. Applicants are required to take the Pharmacy College Admissions Test (P-CAT).

### Suggested Courses

This sample transfer planning guide meets the requirements of the Fall 2017 AS degree. Transfer institution requirements may vary - students should check individual college/university requirements before completing the sample plan as outlined. Admission are highly competitive; completion of these courses alone does not guarantee admission.

**Requirements for schools vary. Students should check the individual school requirements before completing the curriculum as outlined.**

Courses	Semester Hours
<b>First Semester</b>	
Communication - ENG 101 English Composition I	3
Mathematics -MTH 200 Calculus with Analytical Geometry I	5
Major Discipline and Transfer Elective – FYS 101 First Year Seminar	3
Physical and Life Sciences – CHM 121 General Chemistry I	5
<b>Second Semester</b>	
Communication - ENG 102 English Composition II	3
Additional Mathematics – MTH 165 Elementary Statistics	4
Physical and Life Sciences – BIO 115 Fundamentals of Cellular Biology	4
Additional Science – CHM 122 General Chemistry II	5
<b>Summer Semester</b>	
Social and Behavioral Science – ECO 211 Microeconomics	3
Humanities and Fine Arts* – <b>See Group 4 in AS Degree and transfer school information</b>	3
<b>Third Semester</b>	
Major Discipline and Transfer Elective – CHM 204 Organic Chemistry I	5
Major Discipline and Transfer Elective – BIO 116 or BIO 130 or BIO 160	4
Major Discipline and Transfer Elective – PHY 121 Introductory Physics I	5
Social and Behavioral Science – <b>See Group 5 in the AS Degree and transfer school information</b>	3
<b>Fourth Semester</b>	
Major Discipline and Transfer Elective – CHM 205 Organic Chemistry II	5
Major Discipline and Transfer Elective – PHY 122 Introductory Physics II	5
Humanities and Fine Arts* – <b>See Group 4 in AS Degree and transfer school information</b>	3
Communication - SPE 101 Fundamentals of Speech Communication	3

\* For Humanities and Fine Arts select at least one course from humanities and one from fine arts. Interdisciplinary courses may count in either category.

For students following the 2005-2006 catalog or later, one course from humanities and fine arts or social and behavioral sciences must meet the world cultures and diversity requirement.

## Transfer Information

A sampling of schools offering the pharmacy program include:

- Chicago State University
- Midwestern University
- Roosevelt University
- Rosalind Franklin University of Medicine and Science
- Southern Illinois University - Edwardsville
- University of Illinois at Chicago
- Butler University, IN
- Purdue University, IN
- University of Iowa
- University of Michigan
- University of Wisconsin - Madison

## More Information

For additional transfer resources and to make an appointment with an advisor or counselor, please contact one of our advising offices.

Academic Advising and Counseling	I-117	847-925-6393
Center for Multicultural Learning	A-347	847-925-6522
Career Development Center	A-347	847-925-6220

Occupational Outlook Handbook	<a href="http://www.bls.gov/oco/">http://www.bls.gov/oco/</a>
The Princeton Review	<a href="http://www.princetonreview.com/">http://www.princetonreview.com/</a>
American Association of Colleges of Pharmacy	<a href="http://www.aacp.org/Pages/Default.aspx">http://www.aacp.org/Pages/Default.aspx</a>
PharmCAS – Pharmacy College Application Service	<a href="http://www.pharmacas.org/index.htm">http://www.pharmacas.org/index.htm</a>
American Pharmacists Association	<a href="http://www.pharmacist.com/">http://www.pharmacist.com/</a>
Pharmacy College Admission Test (PCAT)	<a href="http://pearsonassess.com/haiweb/Cultures/en-US/site/Community/PostSecondary/Products/pcat/pcathome.htm">http://pearsonassess.com/haiweb/Cultures/en-US/site/Community/PostSecondary/Products/pcat/pcathome.htm</a>