

# 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 2016 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
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#### Communications

ENG 101 English Composition I	3
ENG 102 English Composition II	3
SPE 101 Fundamentals of Speech Communication	3

#### Mathematics

MTH 200 Calculus with Analytic Geometry I	5
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#### Physical & Life Sciences

BIO 115 Fundamentals of Cellular Biology	4
CHM 121 General Chemistry I	5

#### Humanities & Fine Arts

Select at least one course from humanities and one from fine arts. Interdisciplinary courses may count in either category. Approved courses are listed with the requirements for the associate degrees. **See Group 4 - Humanities and Fine Arts - in the AS Degree**

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.

#### Social & Behavioral Sciences

ECO 211 Microeconomics	3
Social and Behavioral Science electives.	3

**See Group 5-Social and Behavioral Sciences - in the AS Degree**

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.

#### Additional Mathematics Course

MTH 165 Elementary Statistics	4
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#### Additional Science Course

CHM 122 General Chemistry II	5
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## Major Discipline and Transfer Electives

Recommended courses:

BIO 116, 130, 160; CHM 204 and 205; PHY 121 and 122

See Group 6 – Major Discipline and Transfer Electives - in the AS Degree

23

## 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 a 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>