

Harper College Transfer Planning Guide

Associate in Science – Pre-Medicine Sample Plan

Transfer & Career Notes

All states require a license to practice medicine. Requirements include graduation from an accredited medical school, successful completion of licensing exam, and usually one to two years of supervised practice.

Most students who enter medical school have a bachelor's degree and take four years to complete the curriculum for the M.D. degree. After graduating, most serve a residency of three years.

Entry into medical school is competitive.

The major selected for the bachelor's degree need not be a specialized science major. Many medical schools prefer students with a broad general education.

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. Baccalaureate admission may be 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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See Group 2-Mathematics-in the AS Degree

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	6
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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

PSY 101 Introduction to Psychology	3
SOC 101 Introduction to Sociology	3

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

BIO 116 Fundamentals of Organismal Biology	4
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Major Discipline and Transfer Electives

CHM 122 General Chemistry II	5
PHY 121 Introductory Physics I	5
PHY 122 Introductory Physics II	5
Other Electives	8

Transfer Information

Any college or university offering a broad general curriculum would prepare a student for medical school.

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	http://www.bls.gov/oco/
The Princeton Review	http://www.princetonreview.com/
Association of American Medical Colleges	http://www.aamc.org/
American Medical Association	http://www.ama-assn.org/
Medical College Admission Test (MCAT)	http://www.aamc.org/students/mcat/