

Pre-Pharmacy Information from the PharmCAS websites (22 Jul 07, M.H. Hils)
 (<http://www.pharmcas.org/>) and (<http://www.pharmcas.org/collegesschools/schoolpages.htm>)

PREREQUISITES: University of Cincinnati

We require **6 quarters** of college coursework be completed prior to matriculation. Applicants must successfully complete ALL course prerequisites by the end of the Summer 2008 term [for admission in fall 2008].

			Likely Hiram Equivalents#
English	6 sem. hrs.	9 qtr. hrs.	FRCL, FSEM
Calculus	5 sem. hrs.	9 qtr. hrs.	MATH 198, 199
First year Chemistry	6 sem. hrs.	12 qtr. hrs.	CHEM 120, 121
First year Chemistry lab	2 sem. hrs.	3 qtr. hrs.	Included in above
Biology	6 sem. hrs.	9 qtr. hrs.	BIOL 151, 152
Biology lab	2 sem. hrs.	3 qtr. hrs.	Included in above
Organic Chemistry	6 sem. hrs.	9 qtr. hrs.	CHEM 220, 320
Organic Chemistry lab	3 sem. hrs.	4 qtr. hrs.	Included in above
College Physics	6 sem. hrs.	12 qtr. hrs.	PHYS 113, 114 or 213, 214
College Physics lab	2 sem. hrs.	3 qtr. hrs.	Included in above
Statistics	3 sem. hrs.	3 qtr. hrs.	MATH 108
Microbiology (Bacteriology)	3 sem. hrs.	3 qtr. hrs.	BIOL 338
General Education Electives	12 sem. hrs.	18 qtr. hrs.	Various courses

Other clarifying information: The calculus requirement is usually satisfied by taking one year of a sequenced calculus course, however, the minimum acceptable credit is 5 semester or 9 quarter hours.

PREREQUISITES: Northeastern Ohio Universities College of Medicine

We require **72 semester hour credits (111 quarter hour credits)** of college be completed prior to matriculation. All prerequisite coursework must be completed with a grade of "C-" or better. Applicants should have cumulative, science, and math grade-point averages of 3.25 or higher and a minimum composite PCAT score in the 50th percentile to receive highest consideration for admission. Applicants must successfully complete ALL course prerequisites by the end of the Spring 2008 term [for admission in fall 2008].

			Likely Hiram Equivalents#
Biology and other life sciences sequence with lab	8 sem. hrs.	12 qtr. hrs.	BIOL 151, 152
Inorganic Chemistry sequence with lab	8 sem. hrs.	12 qtr. hrs.	CHEM 120, 121
Organic Chemistry sequence with lab	8 sem. hrs.	12 qtr. hrs.	CHEM 220, 320
General Physics sequence	6 sem. hrs.	9 qtr. hrs.	PHSY 113, 114 or 213, 214
Biochemistry sequence	6 sem. hrs.	9 qtr. hrs.	BIO/CHE 366, 368
Calculus	3 sem. hrs.	5 qtr. hrs.	MATH 198
Statistics	3 sem. hrs.	5 qtr. hrs.	MATH 108
Economics	3 sem. hrs.	5 qtr. hrs.	ECON 201
Literature or Composition	6 sem. hrs.	9 qtr. hrs.	FRCL, FSEM
Speech or Communication	3 sem. hrs.	5 qtr. hrs.	COMM 101 or 220 or ???
Psychology	3 sem. hrs.	5 qtr. hrs.	PSYC 101
General Education and/or Additional Science*	15 sem. hrs.	23 qtr. hrs.	Various courses

Comments on above:

1. Students enrolled at the four NEOUCOP partner universities (The University of Akron, Kent State University, Youngstown State University, Cleveland State University) are encouraged to consult their academic advisors for curriculum plans.
2. "General Education and/or Additional Science" is defined as humanities, social science, business, computer literacy and additional coursework in the categories above.
3. Official transcripts are required from ALL colleges and universities attended or from which credit was awarded, and need to be submitted directly to PharmCAS.
4. See program description or web site for additional details: www.neoucom.edu/PharmD.

PREREQUISITES: The Ohio State University

All students are required to have a Bachelors Degree complete prior to matriculation into the PharmD program at Ohio State. Students can be finishing the degree while applying to the program.

We require **120 semester hour credits (180 quarter hour credits)** of college be completed prior to matriculation.

Applicants must successfully complete the following required courses by the end of the Summer 2008 term [for admission in fall 2008]:

			Likely Hiram Equivalents#
Human Anatomy Lecture/Laboratory	3 semester hours	5 quarter hours	BIOL 131
General Chemistry Lecture/Laboratory	10 semester hours	15 quarter hours	CHEM 120, 121
Analytical Chemistry Lecture/Laboratory	3 semester hours	5 quarter hours	CHEM 240
Organic Chemistry Lecture/Laboratory	8 semester hours	13 quarter hours	CHEM 220, 320
General Biology Lecture/Laboratory	3 semester hours	5 quarter hours	BIOL 151, 152
Pre calculus, Calculus I, II	10 semester hours	15 quarter hours	MATH 197, 198, 199
Microbiology Lecture/Laboratory	3 semester hours	5 quarter hours	BIOL 338
General Physics Lecture/Laboratory	10 semester hours	15 quarter hours	PHYS 113, 114 or 213, 214
General Education (liberal education) Crses	30 semester hours	45 quarter hours	Various Courses

Comments on above: While not required, courses in statistics, microeconomics, interpersonal communications and technical writing would be helpful in preparation for the Doctor of Pharmacy program.

PREREQUISITES: University of Pittsburgh

We require **4 semesters (6 quarters)** of college be completed prior to matriculation. Applicants must successfully complete ALL required Math and Science prerequisites by the end of the Spring 2008 term. In addition, applicants must successfully complete ALL course prerequisites by the end of the Summer 2008 term.

			Likely Hiram Equivalents#
Calculus - Analytical Geometry or Business	3-4 sem. hours	3-4 qtr. hours	MATH 198
Statistics: Basic Applied or Applied Methods	3-4 sem. hours	3-4 qtr. hours	MATH 108
General Biology I and II with Laboratory	8 sem. hours	12 qtr. hours	BIOL 151, 152
General Chemistry I and II with Laboratory	8 sem. hours	12 qtr. hours	CHEM 120, 121
Organic Chemistry I and II with Laboratory	8 sem. hours	12 qtr. hours	CHEM 220, 320
Psychology - Introductory	3 sem. hours	3 qtr. hours	PSYC 101
Economics - Introductory, Micro or Macro	3 sem. hours	3 qtr. hours	ECON 201
English Composition	6 sem. hours	6 qtr. hours	FRCL, FSEM
Humanities Electives	6 sem. hours	6 qtr. hours	Various courses
Social Science Electives	6 sem. hours	6 qtr. hours	Various courses
Electives	6 sem. hours	6 qtr. hours	Various courses

Comments on above: Math and Science courses MUST be completed by the end of spring term 2008 [for admission in fall 2008]. All remaining courses must be completed by the end of summer term 2008.

Electives: 6 credit hours from two different departments in Humanities and 6 credit hours from two different departments in Social Sciences. Six credit hours in other electives can be in Humanities, Social Sciences, Psychology or History & Philosophy of Science.

Departments in Humanities: Africana Studies, Classics, Communication, English, History of Art & Architecture, Foreign Language, Music, Philosophy, Religious Studies, Studio Arts and Theatre Arts. (Public Speaking, while not required, is strongly recommended.)

Departments in Social Sciences: Anthropology, Economics, Geography, History, Political Science, and Sociology

#Likely Hiram College equivalent courses for pre-pharmacy are indicated in the last column of each table.