

THE SCHOOL OF PHARMACY

Vision Statement

Husson University's School of Pharmacy will be the regional leader in integrative pharmacy education, committed to advancing the practice and science of pharmacy and rural health care delivery.

Mission Statement

The Husson University School of Pharmacy will educate pharmacy professionals who deliver high-quality, evidence based, interprofessional, patient-centered pharmaceutical care and advance the public health.

Accreditation

The Husson University School of Pharmacy program is accredited by the Accreditation Council for Pharmacy Education, 135 South LaSalle Street, Suite 4100, Chicago IL, 60603; 312/644-3575; FAX 312/664-4652, web site www.acpe-accredit.org (<http://www.acpe-accredit.org>).

Admissions Policies

(Please visit the HUSOP website for the most up to date policies).

Completion of at least two years (60 credits) of college including the following prerequisites:

- General Biology with Labs; 2 semesters (8 credits)
- Anatomy and Physiology with Labs; 2 semesters (8 credits)
- General Chemistry with Labs; 2 semesters (8 credits)
- Organic Chemistry with Labs; 2 semesters (8 credits)
- Calculus: 1 semester (3 credits)
- Statistics and Probability: 1 semester (3 credits)
- English Composition/Writing: 2 semesters (6 credits)
- Economics (Macro or Micro): 1 semester (3 credits)
- Introduction to Psychology or Sociology: 1 semester (3 credits)
- Speech: 1 semester (3 credits)
- General Education Electives* (6 credits)
- *Choose one from two separate areas: Humanities, History, Philosophy/Ethics, Foreign Culture/Conversation, and Fine Arts.

In addition:

- Submission of PCAT scores (School code = 159)
- Submission of all college transcripts
- Personal interview (if invited is at student's expense)

AP/CLEP Credits

Applicants cannot use AP/CLEP credits in science (Chemistry, Biology) or math to meet the pre-pharmacy requirements. Students have the option of taking a more advanced course in the area for the same number of credits or more. For example, a student who has AP credit in Calculus 1 may take Calculus 1 or Calculus 2. The laboratory component must be taken with a laboratory-based course.

Credit Age Limit

College credits in the science and math prerequisites over five years old may not be considered in the application process. Students may be required to take refresher courses (e.g., Organic Chemistry with lab, Anatomy and Physiology with lab, Calculus, Statistics), especially if they

have not had any recent coursework or work responsibilities in any one of these given areas.

Criminal Background Check

The nature of the post-graduate licensure as well as the potential placement in a variety of pharmacy practice setting requires all applicants answer questions related to past criminal complaints and convictions and once admitted submit to a criminal background check. An adverse criminal background check may affect admissions, progressions, and graduation.

Foreign Credits

Students may submit courses taken at foreign colleges/universities. The transcripts must be evaluated by a reputable service based in the United States. There is no guarantee that any or all courses will be accepted. Applicants who take course in Canada do not have to have their transcripts evaluated by such a service.

Guaranteed Admission

Husson pre-pharmacy students who are offered guaranteed admission must earn a 3.5 math/science pre-pharmacy GPA or greater, score at least an 80th percentile on the PCAT, and successfully pass any other admissions requirements (e.g., interview).

Minimum Application Requirements

In order to apply, an applicant must have successfully completed the majority of the Biology/Anatomy & Physiology (three-quarters), Chemistry (three-quarters) and Math (half) coursework prior to the application deadline. Students must also forward their PCAT scores prior to the date. The minimum Math/Science pre-pharmacy GPA to apply is 2.75 on a 4.0 scale.

PCAT

Students are required to take the Pharmacy College Admissions Test before the posted deadline. Students may take the test more than once before this time, with the highest score counting. Scores have a three year age limit, unless a new test version has been introduced. In the event a new version has been introduced in the past three years, applicants must take the most current version.

Repeat Penalty

Applicants will be penalized for repeating pre-pharmacy science or math courses in which they earned a grade less than a C (2.0). These courses include Biology/Anatomy & Physiology, General/Inorganic Chemistry, Organic Chemistry, Calculus and Statistics. There is no penalty for withdrawing from a course. However a Withdrawal/Failing (WF) grade will be penalized as if it were a failing grade.

Transcripts

Applicants are required to submit official transcripts for all colleges attended prior to the application deadline. Husson students need not submit transcripts, unless they have taken a course elsewhere and have not submitted the transcript to Husson prior to making application to the School of Pharmacy.

Pre-Pharmacy Program

The following coursework includes the minimum requirements to fulfill the course prerequisites for the Doctor of Pharmacy program in the Husson School of Pharmacy. Note: Chemistry, Biology and Math courses

taken more than five (5) years ago are not routinely accepted for meeting pre-pharmacy requirements and will be evaluated on a case-by-case basis.

General Course Requirements

General Chemistry with labs	8
Organic Chemistry with labs	8
General Biology with labs	8
Human Anatomy and Physiology with labs	8
Calculus	3
Statistics	3
English Composition	6
Economics (Macro or Micro)	3
Introduction to Psychology/Sociology	3
Speech	3
General Education Electives	6

Husson Pre-Pharmacy Coursework

BA 211	Microeconomics	3
BA 212	Macroeconomics	3
CM 221	Professional Communications	3
EH 123	Rhetoric and Composition I	3
EH 124	Rhetoric and Composition II	3
MS 132	Probability and Statistics	3
MS 181	Calculus with Applications	4
PY 111	General Psychology	3
SC 181	Chemistry I	3
SL 181	Chemistry Lab I	1
SC 182	Chemistry II	3
SL 182	Chemistry Lab II	1
SC 191	General Biology I	3
SL 191	General Biology Lab I	1
SC 192	General Biology II	3
SL 192	General Biology Lab II	1
SC 221	Anatomy and Physiology I	3
SL 221	Anat/Physiology Lab I	1
SC 222	Anatomy and Physiology II	3
SL 222	Anatomy/Physiology Lab II	1
SC 381	Organic Chemistry I	3
SL 381	Organic Chemistry I Lab	1
SC 382	Organic Chemistry II	3
SL 382	Organic Chemistry II Lab	1
SY 201	Principles of Sociology	3
Two General Education D Electives		6
Total Hours		125

Three quarters of the Chemistry prerequisites need to be successfully completed prior to the application deadline.

Three quarters of the Biology/A&P prerequisites need to be successfully completed prior to the application deadline.

One of the two math prerequisites needs to be successfully completed prior to the application deadline.

Choose one from two separate areas: Humanities, History, Philosophy/Ethics, Foreign Culture/conversation, and Fine Arts.

Transfer Credit

Pre-pharmacy transfer guidelines from numerous undergraduate programs in the northeast and New Brunswick have been established and are posted on the website (http://www.husson.edu/?cat_id=1251).

A student who has attended, or is currently attending, another college/school of pharmacy and who wishes to pursue pharmacy education at Husson University must:

1. be in good academic standing at the college of origin and able to continue,
2. submit transcripts of all college courses, and
3. have the dean of the previous college/school attended provide a letter of recommendation directly to the Dean of the Husson University School of Pharmacy, One College Circle, Bangor ME 04401-2999. Space must be available in the appropriate class at Husson in order for the transfer to proceed.

Grading

Grade	Grade-Point Average	Range dependent on course
A	4.0	95-100
A-	3.7	90-94
B+	3.3	87-89
B	3.0	83-86
B-	2.7	80-82
C+	2.3	77-79
C	2.0	73-76
C-	1.7	70-72
D+	1.3	67-69
D	1.0	63-66
D-	0.7	60-62
F	0	<60

Academic Policy

Progressions - A student must have a Pharmacy Cumulative GPA of 2.00 or above at the end of the first, second, and third professional years and meet all other progressions criteria related to experiential requirements, attainment of the necessary number of Professional Development Units (PDU), and be current in all required immunizations and certifications in order to proceed in the curriculum.

Pharmacy Cumulative GPA is computed based on all professional pharmacy courses.

Only the first four pharmacy electives will be used in computing the Pharmacy Cumulative GPA.

Any electives taken other than when scheduled in the professional pharmacy curriculum will not be used in computing the Pharmacy Cumulative GPA.

Academic Probation

- A student who must retake one or more courses as detailed below will be placed on academic probation.

- Students who are on academic probation must meet with the Assistant Dean to develop a plan to retake course(s) and to discuss issues regarding the student's performance, resources available, and consequences of earning further unsatisfactory grades.
- Students on academic probation are not permitted to serve in any student leadership position or on HUSOP committees. In addition, students on academic probation will not be granted permission to miss class time in order to attend outside school-sanctioned events (e.g. conferences, etc.).
- Students who have successfully remediated their course(s) will be removed from academic probation.

Course Repetition and Progressions

- A student must retake any course for which an "F" was earned. An elective course may not be retaken, unless permission is granted from the instructor.
- Students must successfully complete the required core courses and practice experience with a minimum annual GPA = 2.00 before progressing to the next academic year.
- A student will not be allowed to repeat a course for which a grade equal to or greater than a C (2.0) has been earned.
- Summer remediation may be offered for some didactic courses; however, students may not take more than two of these courses at a time.

Academic Dismissal

A student shall be academically dismissed from the School of Pharmacy whenever one or more of the following conditions occurs:

- Failure of two or more classes in the professional program.
- Failure to graduate within six years of matriculation.

Student performance will be evaluated at the end of each semester.

Dismissal Appeal

Students who are dismissed from the School of Pharmacy for academic reasons may appeal in writing to a committee comprised of the Dean, Associate Dean, Assistant Dean and Chairs of the School of Pharmacy with the final decision relative to the appeal resting with the Dean of the School of Pharmacy.

Academic Withdrawal

Should a student decide to leave the program for personal or medical reasons, an appointment must be made with the School's Assistant Dean to address options and review university policy and requirements.

Graduation

Upon completion of the specified requirements, the Doctor of Pharmacy degree will be awarded. Candidates for this degree must:

- Successfully complete all courses contained in the Doctor of Pharmacy curriculum;
- Maintain a cumulative GPA of at least 2.00; and
- Be recommended for the Doctor of Pharmacy degree by the faculty of the School of Pharmacy based upon academic performance, ethical and professional standards.

Financial Aid

The School of Pharmacy has limited scholarship programs at this time. The school will determine the recipients of the awards utilizing the criteria specified by each donor.

Programs Outcomes

Patient-Specific and Population-based Disease Management - The student will be able to provide patient-specific and population-based disease management in cooperation with patients, prescribers, and other members of an interprofessional health care team based upon sound therapeutic principles and evidence-based data, taking into account relevant legal, ethical, social, economic, cultural, political and professional issues, emerging technologies, and evolving pharmaceutical, biomedical, sociobehavioral, and clinical sciences that may impact therapeutic outcomes.

Health Promotion

The student will be able to promote health improvement, wellness, and disease prevention in cooperation with patients, communities, at-risk populations, and other members of an interprofessional team of health care providers. Provide first aid and pharmacy services in disaster and poison control situations.

Systems Management

The student will be able to manage and use resources of the health care system, in cooperation with patients, prescribers, other health care providers, and administrative and supportive personnel, to promote health; to provide, assess, and coordinate safe, accurate, and time-sensitive medication distribution; and to improve therapeutic outcomes of medication use. This includes: managing human, physical, medical, informational, and technological resources; apply patient- and population-specific data, quality assurance strategies, and research processes to assure that medication use systems minimize drug errors, adverse reactions and optimize patient outcomes. This also includes designing medication use systems in accordance with legal, ethical, social, economic, and professional guidelines.

Communication

The student shall read, write, speak, listen and use data, media and computers to communicate effectively with various audiences for a variety of purposes.

Problem Solving

The student shall find, understand and analyze information and shall make informed, rational, and ethical decisions.

Professionalism

The student shall articulate the influence of values on ideas and actions and shall demonstrate the ability and inclination to take responsibility for ethical conduct in personal and professional settings. The student shall demonstrate the ability and inclination to learn on one's own, to pursue new knowledge, to self-assess, to respond appropriately to assessment by others, and to modify one's ideas in light of new discoveries.

Shuhua Bai 2009

B.S. Shenyang Pharmaceutical University

M.S. Shenyang Pharmaceutical University

Ph.D. Shenyang Pharmaceutical University

Robert Baker 2012

B.S. Pharm Ferris State University

Pharm.D. University of Minnesota

Gwen Bartlett 2014

B.S. Oregon State University

Pharm.D. Oregon State University

Sandra Bartlett 2014

B.S. University of Kentucky

Pharm.D. University of Kansas & Ph.D. Oregon State University

Samuel Caito III 2017

B.S. University of Rochester

Ph.D. University of Rochester

Gregory Cameron 2012

B.S. Pharm Massachusetts College of Pharmacy

Anthony Casapao 2014

B.S. Midwestern University

Pharm.D. Wingate University School of Pharmacy

Conrad Dhing 2009

B.S. Northeast Louisiana Universtiy

Ph.D. The University of Louisiana at Monroe

Aaron Domina 2009

B.S. Worcester Polytechnic Institute

Ph.D. Dartmouth College

Drew Lambert 2013

Pharm.D. University of Buffalo

Rodney Larson 2007

B.S. Pharm Ferris State University

Ph.D. University of Minnesota

William Lindblad 2008

B.S. University of Maine

M.S. Cleveland State University

Ph.D. University of Rhode Island

Sarah Martin 2013

Ph.D. University of South Carolina

Frank McGrady 2012

B.S. University of Rhode Island

Pharm.D. Idaho State University

Dan Moellentín 2011

B.S. University of Missouri

Pharm.D. University of Arkansas

Ying-Tang Ng 2014

Pharm.D. Wingate University School of Pharmacy

Stephanie Nichols 2013

Pharm.D. University of Buffalo

Cassandra Parsons 2013

Pharm.D. Albany College of Pharmacy and Health Sciences

Roger Phipps 2009

B..A Oxford University

Ph.D. London University

Ronald Reed 2010

B.S. Pharm University of Cincinnati

Pharm.D. University of Cincinnati

David Richards 2015

B.S. University of Bristol

Ph.D. University College London

Dan Robinson 2010

B.S. Pharm. University of Georgia

Pharm.D. University of Cincinnati

John Scolaro 2015

B.S. Bouve College of Health Sciences

Pharm.D. Bouve College of Health Sciences

James Singletary 2015

B.S. University of Florida

R.Ph. University of Florida

Jennifer Thomas 2015

Pharm.D. Nova Southeastern University

Tianzhi Yang 2009

B.S. Shenyang Pharmaceutical University

M.S. Shenyang Pharmaceutical University

Ph.D. Peking University

Tao Zhang 2014

B.S. Zhejiang University

Ph.D. University of Michigan