HEALTH SCIENCES, B.S.
TO PHARMACY, PHARM.D.
ACCELERATED PROGRAM

The B.S. in Health Sciences to Pharm.D. accelerated program at Saint Louis University allows students working toward a Bachelor of Science in Health Sciences ([catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/health-sciences-bs/](https://catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/health-sciences-bs/)) to apply for admission into the first professional (P1) year of the Pharm.D. after three years of undergraduate study in the health sciences program. The Pharm.D. is offered through the University of Health Sciences and Pharmacy in St. Louis. Courses taken as part of the P1 year are eligible for reverse transfer to Saint Louis University and can fulfill requirements for the Bachelor of Science in Health Sciences.

University of Health Sciences and Pharmacy in St. Louis ([www.uhsp.edu](https://www.uhsp.edu)) provides a challenging learning environment where pharmacy students can explore a variety of practice settings, develop medication expertise and become leaders in the profession and their communities. The curriculum focuses on preparing students to provide interprofessional, evidence-based, patient-centered care in any practice setting, achieving positive drug therapy outcomes for patients.

For additional information, see the catalog entries for the following programs:

Health Sciences, B.S. ([catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/health-sciences-bs/](https://catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/health-sciences-bs/))

University of Health Sciences and Pharmacy in St. Louis ([www.uhsp.edu](https://www.uhsp.edu/))

Requirements

Students should declare their interest in the accelerated B.S. to Pharm.D. program to their program as soon as possible during their SLU bachelor’s to receive the proper advising, after completing 15 credits at SLU but prior to achieving 45 total credits.

Students must complete the UHSP application by December 1st of the year prior to their anticipated start of the Pharm.D. UHSP will notify students by February 1st of the admission decision.

Students are recommended to have a minimum of a 2.70 cumulative grade point average (GPA) to apply. Transfer students will be considered on a case-by-case basis and must meet eligibility requirements.

The following are considerations in the admission decision:

- Students should have no grades below a C- in prerequisite courses to the Pharm.D. and maintain a cumulative grade point average of 2.7 or higher and a core math and science grade point average of 2.7 or higher;

- Students must successfully complete all designated prerequisite courses at SLU, listed below, or at a regionally accredited college or university, in order to be accepted to the Pharm.D. program; and

- Students must successfully complete an interview and writing assessment.

- As admission requirements can change over time, SLU students should consult UHSP’s website ([www.UHSP.edu](https://www.UHSP.edu)) for the admission requirements that are in place at the time of application and admission.

Pharm.D. Prerequisite Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1110</td>
<td>General Chemistry 1 &amp; General Chemistry 1 Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1115</td>
<td>General Chemistry 2 &amp; General Chemistry 2 Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2410</td>
<td>Organic Chemistry 1 &amp; Organic Chemistry 1 Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2415</td>
<td>Organic Chemistry 2 &amp; Organic Chemistry 2 Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology *</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution &amp; Principles of Biology I Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter &amp; Principles of Biology II Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3300 &amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I &amp; Anatomy &amp; Physiology I Lab *</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3400 &amp; HSCI 3410</td>
<td>Anatomy and Physiology Lecture II &amp; Anatomy and Physiology Lab II *</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4640 &amp; BIOL 4650 or BLS 4510</td>
<td>General Microbiology &amp; General Microbiology Laboratory * &amp; Medical Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>&amp; MLS 4515</td>
<td>Medical Microbiology Laboratory *</td>
<td></td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I *</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers *</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1310 &amp; PHYS 1320</td>
<td>Physics I &amp; Physics I Laboratory *</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2XXX</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010 or SOC 1120</td>
<td>General Psychology &amp; Introduction to Sociology: Diversity and Health Emphasis</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000 or THEO 1600</td>
<td>Theological Foundations (or other approved General Liberal Arts/Humanities course) or God-Talk</td>
<td>3</td>
</tr>
<tr>
<td>or PHIL 1700</td>
<td>The Examined Life: Ultimate Questions</td>
<td></td>
</tr>
<tr>
<td>or HCE 1600</td>
<td>Embodiment, Life, and Death in Context</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits: 69

UHSP courses to reverse transfer to SLU

A total of 8-11 credits from Professional Year 1 Pharm.D. coursework is eligible for reverse transfer to SLU towards the bachelor’s:

- MGMT 4100 Public Health Fundamentals in Pharmacy (3 credits) [reverse transfers for HSCI 2100 Healthcare Management]
Course | Title | Credits
--- | --- | ---
**Year One**
**Fall**
BIOL 1240 & BIOL 1245 | General Biology: Information Flow and Evolution and Principles of Biology I Laboratory | 4
CHEM 1110 & CHEM 1115 | General Chemistry 1 and General Chemistry 1 Laboratory | 4
CORE 1000 | Ignite First Year Seminar | 2
HSCI 1000 | Introduction to Health Sciences | 1
HSCI 2000 | The US Health Care System | 3
MATH 1510 | Calculus I | 4
**Credits** | **18**
**Spring**
† BIOL 1260 & BIOL 1265 | General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory | 4
CHEM 1120 & CHEM 1125 | General Chemistry 2 and General Chemistry 2 Laboratory | 4
CMM 1200 | Public Speaking | 3
CORE 1500 | Cura Personalis 1: Self in Community | 1
HCE 1600 | Embodiment, Life, and Death in Context | 3
STAT 1300 or MATH 1300 | Elementary Statistics with Computers | 3
**Credits** | **18**
**Summer**
ENGL 1900 | Advanced Strategies of Rhetoric and Research † | 3
HSCI 2200 | Medical Terminology | 3
**Credits** | **6**
**Year Two**
**Fall**
BIOL 3020 | Biochemistry and Molecular Biology | 3
CHEM 2410 & CHEM 2415 | Organic Chemistry 1 and Organic Chemistry 1 Laboratory | 4
ECON 1900 | Principles of Economics | 3
HSCI 3200 | Aspects of Health Law | 3
PHYS 1310 & PHYS 1320 | College Physics I and College Physics I Laboratory | 4
**Credits** | **17**
**Spring**
CHEM 2420 & CHEM 2425 | Organic Chemistry 2 and Organic Chemistry 2 Laboratory | 4
HCE 1700 | Death, Disability, Disease, and the Meaning of Life | 3
HCE 3240 | Bioethics after Auschwitz | 3
HSCI 2500 | Human Development across the Lifespan | 3
PSY 1010 | General Psychology | 3
**Credits** | **16**
**Summer**
HSCI 3300 & HSCI 3310 | Anatomy & Physiology I and Anatomy & Physiology I Lab | 4
HSCI 3400 & HSCI 3410 | Anatomy and Physiology Lecture II and Anatomy & Physiology Lab | 4
**Credits** | **8**
**Year Three**
**Fall**
BLS 4510 | Medical Microbiology | 4
MLS 4515 | Medical Microbiology Laboratory | 1
HSCI 3700 | Research Methods † | 3
HSCI 4000 | Neuroscience in Everyday Life | 3
HSCI 4100 | Healthcare Technology and Informatics | 3
ENGL 2XXX ‡ | | 3
**Credits** | **13**
**Spring**
CORE 2800 | Eloquencia Perfecta 3: Creative Expression | 3
CORE 3500 | Cura Personalis 3: Self in the World | 1
HSCI 4700 | Quality Management and Performance Improvement † | 3
CORE 4500 | Reflection-in-Action | 0
HSCI 3800 | Epidemiology | 3
Elective | 3
**Credits** | **13**
**Total Credits** | **113**

† Writing intensive course
‡ ENGL 1900 satisfies Composition I requirement; ENGL 2XXX satisfies Composition II requirement

**Program Notes**
Students will spend three years at Saint Louis University in the Bachelor of Science in Health Sciences program. They will spend four years at the University of Health Sciences and Pharmacy in St. Louis. The Bachelor of Science in Health Sciences will be awarded after completion of their first Pharm.D. professional year.
Please visit the University of Health Sciences and Pharmacy in St. Louis's website for more information about the Pharm.D. portion of this degree at https://www.uhsp.edu.

Contact Us
Contact Doisy College of Health Sciences:
Julie Miller
Recruitment Specialist
314-977-2570
dchs@health.slu.edu