HEALTH SCIENCES, B.S.

Saint Louis University's undergraduate degree in health sciences is a path for students interested in entering clinically related health fields or for students interested in health informatics and health data management fields. It also provides a solid scientific and health-oriented curriculum for professional or graduate education. The goal of many students in the health sciences program is to become prepared for professional and research careers in the rapidly changing world of health, with particular emphasis on the holistic context in which health care is delivered. Students in the health information management concentration are prepared for diverse career opportunities in health information fields and to take the Registered Health Information Administrator (RHIA) nationally recognized credentialing exam offered by the American Health Information Management Association.

Program Highlights

- The program provides a holistic view of health care that serves as a great pre-professional option for students going on to graduate education.
- In addition to learning about health sciences and anatomy and physiology, students will also learn about research methods, health care management, process improvement, health care technology, health care policy and law and more.
- Faculty members provide tremendous mentorship to help students in every phase of their education.
- Information technology is integrated throughout the curriculum, providing students with hands-on exposure and experience with typical health care industry systems.

The health care industry is growing and changing rapidly. A new generation of health professionals will be needed to examine old problems from a fresh perspective and arrive at innovative theories, policies and technologies that address emerging health concerns.

Students prepare for these challenges by offering curricular tracks in pre-medicine, medical scholar, pre-dentistry, pre-physician assistant, pre-pharmacy, pre-physical therapy, pre-occupational therapy, health information management concentration and a general health science curriculum. Each curricular track is optimized to prepare students for graduate studies and the workforce.

Advantages to earning your B.S. in Health Sciences at Saint Louis University include:

- An education based on Jesuit principles (https://www.slu.edu/about/catholic-jesuit-identity/) with a mission to prepare professionals who possess the competence, compassion and conduct essential to a health professional
- A flexible curriculum that allows for diverse areas of concentration
- Instruction by professionally credentialed faculty
- Medically relevant coursework ideal for a variety of post-baccalaureate study choices

In addition to the other pre-professional tracks and scholars programs available through the health sciences program, interested students are encouraged to learn more about the Pharmacy Scholars (https://www.slu.edu/scholars/pharmacy-scholars.php) option — an exclusive opportunity for qualified incoming Saint Louis University first-year students to gain a guaranteed interview to the Doctor of Pharmacy (Pharm.D.) program at University of Health Sciences and Pharmacy in St. Louis and access to an accelerated pathway to completing both their bachelor's degree and their Pharm.D.

Curriculum Overview

The health sciences program at Saint Louis University offers a flexible curriculum that prepares students for a variety of health career environments. The curriculum is built on a strong science foundation that threads a holistic approach to understanding health care throughout the educational model.

SLU's health sciences program will provide students with:

- A solid, scientific baseline for pre-professional and/or pre-med scholars for entry into post-baccalaureate studies after graduating
- A path for those interested in entering a non-clinical, health-related field
- For HIM concentration students, use of an educational-based electronic health record, encoding systems, database management, statistical software and various other health information systems

The health sciences degree requires a minimum of 120 credits. Health Sciences and/or Health Information Management Concentration students must maintain a cumulative GPA of 2.7/4.0 and earn a "C" or better in math, science, business technology management and program-specific (HSCI and/or HIM prefix) courses to progress in the program. Most importantly, the program strives to equip graduates to understand the health care system and its complexities while still providing a solid scientific knowledge base.

Careers

The majority of students with a bachelor's degree in health sciences go on to medical school, graduate school or other post-baccalaureate studies. Students are also prepared for non-clinical employment opportunities within health care, such as:

- **Health Care Coordinator**: The point of contact to help coordinate patient support and services. As the liaison between patients, families, medical staff and services, coordinators provide management of the health and well-being of the patient.
- **Case Manager:** Based in home health agencies, health care management companies, the insurance industry or elderly care settings, case managers assist in the management of daily operations and provide support to multidisciplinary teams to ensure quality patient care is delivered.
- **Health Services Manager:** Provides management and direction to the physician or health care organization including staffing, training, monitoring, evaluating and compliance. Managers assist in the identification of potential quality improvement issues and policy and procedure development.
- **Privacy Officer:** Responsible for managing the risks and business impacts of privacy laws and policies and for protecting patient information that is collected and stored by health care facilities.
- **Corporate Wellness Administrator:** Responsible for the implementation and day-to-day management of employee, community and worksite wellness programs, corporate wellness administrators manage wellness program services by implementing sustainable health promotion programs that target populations across the organization based on an individual company's needs.
- **Medicolegal Death Investigator**: Responsible for the investigation of sudden and unexpected deaths. Develops and evaluates information obtained from observations, interviews and reviews of various

records to assist in determination of cause and manner of death, which impacts public health.
- **Patient Advocate/Patient Navigator**: Serves as the liaison between a patient and their health care provider(s). Advocates are dedicated to coordinating the patient's medical care, getting them help and working with the family.
- **Health Literacy Educator:** Assists consumers in understanding the health care system in plain language using health literacy skills.

Students with the HIM concentration have employment opportunities in a variety of areas, including:

- Health care consulting
- Information system companies
- Government agencies
- Law firms
- Hospitals

Health Information Management Concentration

The Health Sciences - Health Information Management (HIM) concentration is designed for students interested in the study of medical sciences, data analysis, information technology, legal concepts and health management. HIM professionals are recognized experts in clinical and health care operational data. Department and adjunct faculty, who are professionals in the HIM field, prepare students for exciting and diverse career opportunities in health information and to take the Registered Health Information Administrator (RHIA) nationally recognized credentialing exam.

Graduates are primed for a tremendous variety of rapidly growing employment opportunities in all venues of the health care industry, including working with health care leadership to optimize the use of patient and operational data to make meaningful decisions regarding quality care, patient safety and organization operations; working with patients and families to help them understand their health information; and working with health care providers to optimize their use of technology to manage their data and operational needs.

Many HIM graduates also pursue graduate degrees in:

- Business administration
- Health administration
- Health data science
- Health informatics
- Law
- Public health

Students interested in advancing their academic path to graduate studies may pursue one of the following accelerated track options:

- HIM to HDS (Master of Science in Health Data Science (https://catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/him-mshds-accelerated/))
- HIM to Law (Juris Doctorate (https://catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/him-jd-accelerated/))
- HIM to MHA (Master of Science in Health Administration (https://catalog.slu.edu/colleges-schools/health-sciences/clinical-health-sciences/him-mha-accelerated/))

Clinical and Research Opportunities

Each student will complete a project-based internship in their last year of study. The HIM concentration has affiliations with local clinical sites for students to complete their professional practice experience. The projects provide an opportunity to experience roles such as:

- Electronic health record analyst
- Patient data integrity coordinator
- Clinical data analyst
- Consultant
- Revenue cycle management analyst
- Quality assurance analyst
- Coding and compliance specialist

Careers

Information drives the health care industry. A career in health information management offers graduates tremendous and diverse opportunities to make an impact and improve the health care delivered throughout the industry. According to the Bureau of Labor Statistics, the median salary for health services managers in the United States in 2020 was $104,280 and the employment of health services managers is expected to experience a 32% average growth through 2030.

Employment opportunities for graduates include:

- Ambulatory care clinics
- Governmental agencies
- Health care companies
- Health care consulting
- Home health care
- Hospitals
- Information system companies
- Insurance companies
- Law firms
- Managed and long-term care facilities
- Mental and behavioral health facilities
- Physician practices
- Research associate

Salaries are generally higher for graduates working in sales or consulting, and second-baccalaureate graduates may have a slightly higher salary range depending on their previous work experience and degree.

Admission Requirements

Freshman Applicants

Solid academic performance in college preparatory coursework is a primary consideration when we review your freshman application.

Admission criteria include:

- Minimum cumulative GPA of 2.70 or greater on a 4.00 scale
- Saint Louis University has moved to a test-optional admission process for all undergraduate programs. Applicants may submit

standardized test scores, but those who choose not to will not be disadvantaged in any way in the admission process.

Transfer Applicants

The minimum college transfer GPA is 2.70/4.00.

Tuition

Tuition	Cost Per Year
Undergraduate Tuition	$52,260

Additional charges may apply. Other resources are listed below:

Net Price Calculator (https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php)

Information on Tuition and Fees (https://catalog.slu.edu/academic-policies/student-financial-services/tuition/)

Miscellaneous Fees (https://catalog.slu.edu/academic-policies/student-financial-services/fees/)

Information on Summer Tuition (https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/)

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- **Scholarships:** Awarded based on academic achievement, service, leadership and financial need. In addition to University scholarships, the Doisy College of Health Sciences offers scholarships (https://www.slu.edu/doisy/about/scholarships-for-current-students.php) to sophomores, juniors, seniors and graduate students.
- **Financial Aid:** Provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For more information, visit the student financial services office online at http://finaid.slu.edu (http://finaid.slu.edu/).

HIM Concentration Accreditation

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)
200 E. Randolph Street
Suite 5100
Chicago, IL 60601
http://www.cahiim.org (http://www.cahiim.org/)

The Health Information Management accreditor of Saint Louis University is the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College's accreditation for the Bachelor of Science in Health Sciences with Health Information Management has been reaffirmed through 2020. All inquiries about the program's accreditation status should be directed by mail to CAHIIM, 200 East Randolph Street, Suite 5100, Chicago, IL, 60601; by phone at (312) 235-3255; or by email at info@cahiim.org.

For more information on the SLU Health Information Management program professional and technical standards and program outcomes, please see Additional Accreditation Information.

HIM Program Outcomes Data (https://www.slu.edu/doisy/degrees/program-pdfs/him-program-outcomes.pdf)

Additional Accreditation Information (https://www.slu.edu/doisy/degrees/program-pdfs/him-accreditation-0618.pdf)

Learning Outcomes Health Sciences

1. Graduates will be able to communicate effectively to express issues in healthcare.
2. Graduates will be able to implement healthcare management tools to utilize project management techniques.
3. Graduates will be able to demonstrate effective team skills when collaborating on healthcare projects.
4. Graduates will be able to employ data from empirical research to inform positions on healthcare issues.
5. Graduates will be able to exhibit ethical behaviors related to health sciences that are rooted in Jesuit values.

Requirements

Students in SLU's health sciences major take the following courses.

Standard Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1200	College Algebra	3
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3

HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
General Electives		**21**
Total Credits		**121-124**

Medical Scholar Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BIOL 3020	Biochemistry and Molecular Biology	3
BIOL 3040	Cell Structure & Function	3
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1510	Calculus I	4
PHYS 1310 & PHYS 1320	Physics I and Physics I Laboratory	4
PHYS 1330 & PHYS 1340	Physics II and Physics II Laboratory	4
PPHS 1050	Medical Scholar	0
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Biology Electives		
Select two of the following:		6
BIOL 3420	Comparative Anatomy of the Vertebrates	
BIOL 4410	Comparative Animal Physiology	
BIOL 4440	Vertebrate Histology: Structure and Function of Tissues	
BIOL 4540	Human Systemic Physiology	
BIOL 4600	Developmental Biology	
BIOL 4630	Foundations of Immunobiology	
BIOL 4640	General Microbiology	
BIOL 4700	Molecular Biology	
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
Total Credits		**126-129**

Pre-Physician Assistant and PA Scholar Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BIOL 3020	Biochemistry and Molecular Biology	3
BIOL 3030	Principles of Genetics	3
BLS 4510	Medical Microbiology	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3

HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1400	Pre-Calculus	3
MLS 4515	Medical Microbiology Laboratory	1
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
General Electives		**6**
Total Credits		**122-125**

Pre-Medicine Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BIOL 3020	Biochemistry and Molecular Biology	3
BIOL 3040	Cell Structure & Function	3
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1510	Calculus I	4
PHYS 1310 & PHYS 1320	Physics I and Physics I Laboratory	4
PHYS 1330 & PHYS 1340	Physics II and Physics II Laboratory	4
PPHS 1000	Foundations of Medicine (Optional course)	1
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
Total Credits		**121-124**

Pre-Pharm.D. Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BIOL 3020	Biochemistry and Molecular Biology	3
BLS 4510	Medical Microbiology	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ECON 1900	Principles of Economics	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3

MATH 1510	Calculus I	4
MLS 4515	Medical Microbiology Laboratory	1
PHIL 2050	Ethics	3
or HCE 2010	Foundations in Clinical Health Care Ethics	
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
PSY 1010	General Psychology (satisfies CORE 3600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Aspects of Health Law	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4700	Quality Management and Performance Improvement	3
General Electives		**12**
Total Credits		**121-124**

Pre-Occupational Therapy Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1200	College Algebra	3
MATH 1320	Survey of Calculus	3
PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
Electives		
Select 15 credits		15
Total Credits		**120-123**

Pre-Physical Therapy Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1400	Pre-Calculus	3
MATH 1510	Calculus I	4
PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
PHYS 1240 & PHYS 1255	General Physics II and General Physics II Lab	4
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Sciences		

HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
HSCI 3200	Health Law and Policy	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 3800	Global Perspectives in Epidemiology	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management	3
General Electives		**15**
Total Credits		**124-127**

Code	Title	Credits
Foundation		
Basic Human Anatomy with Lab		3-4
Database Management Systems		3
Human Physiology		3-4
Introduction to Microcomputer Applications		3
Management Theory and Practice		3
Medical Terminology		2-3
Philosophy		3
Statistics		3
Total Credits		**23-26**

Health Information Management Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BTM 2000	Introduction to Business Technology Management	3
BTM 2500	Data Modeling, Analysis and Visualization	3
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
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 II Lab	4
HSCI 4000	Neuroscience in Everyday Life	3
MATH 1200	College Algebra	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology (satisfies CORE 3600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
Health Information Management		
HIM 3000	Foundations in Health Information Management	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	2
HIM 4400	Clinical Data Analytics	3
HIM 4510	Health Care Financial Management	3
HIM 4530	Professional Practice (satisfies CORE 3500)	3
HIM 4750	Fundamentals of Clinical Medicine	3
HIM 4950	Senior Seminar	3
HSCI 3200	Health Law and Policy	3
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 4100	Healthcare Technology	3
HSCI 4700	Quality Management	3
Total Credits		**124-127**

HIM to M.S. Health Data Sciences Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BTM 2000	Introduction to Business Technology Management	3
BTM 2500	Data Modeling, Analysis and Visualization	3
BTM 3300	Managing Databases and Big Data	3
BTM 3700	Business Analytics	3
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
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 II Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3

MATH 1200	College Algebra	3
MATH 1320	Survey of Calculus	3
ORES 5300	Foundations of Outcomes Research I	3
PSY 1010	General Psychology (satisfies CORE 3600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
or OPM 2070	Introduction to Business Statistics	
Health Information Management		
HIM 3000	Foundations in Health Information Management	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory (satisfies CORE 4500)	2
HIM 4510	Health Care Financial Management	3
HIM 4530	Professional Practice (satisfies CORE 3500)	3
HIM 4750	Fundamentals of Clinical Medicine	3
HIM 4950	Senior Seminar	3
HSCI 3200	Health Law and Policy	3
HSCI 4100	Healthcare Technology	3
HSCI 4700	Quality Management	3
Health Data Science		
HDS 5210	Programming for Health Data Scientists	3
HDS 5230	High Performance Computing	3
HDS 5310	Analytics and Statistical Programming	3
HDS 5330	Predictive Modeling and Machine Learning	3
HDS 5960	Capstone Experience	3
Total Credits		**120-123**

HIM to Juris Doctor (Law) Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BTM 2000	Introduction to Business Technology Management	3
BTM 2500	Data Modeling, Analysis and Visualization	3
CMM 1200	Public Speaking (satisfies CORE 1200)	3
ECON 1900	Principles of Economics	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
HCE 1700	Death, Disability, Disease, and the Meaning of Life (satisfies CORE 1700)	3
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The U.S. Health Care System	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
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 II Lab	4
MATH 1200	College Algebra	3
POLS 1540	Blood and Money: Ethnic War (satisfies CORE 3600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
or OPM 2070	Introduction to Business Statistics	
Health Information Management		
HIM 3000	Foundations in Health Information Management	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	2
HIM 4400	Clinical Data Analytics	3
HIM 4510	Health Care Financial Management	3
HIM 4530	Professional Practice (satisfies CORE 3500)	3
HIM 4750	Fundamentals of Clinical Medicine	3
HIM 4950	Senior Seminar	3
HSCI 3200	Health Law and Policy	3
HSCI 3700	Research Methods (satisfies CORE 4000)	3
HSCI 4100	Healthcare Technology	3
HSCI 4700	Quality Management	3
General Electives		**12**
Total Credits		**124-127**

HIM to Master of Health Administration (MHA) Track

Code	Title	Credits
University Undergraduate Core (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/)		**32-35**
Foundation		
BTM 2000	Introduction to Business Technology Management	3
BTM 3300	Managing Databases and Big Data	3
CMM 1200	Public Speaking	3
ECON 1900	Principles of Economics	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
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 II Lab	4
MATH 1200	College Algebra	3
MATH 1300	Elementary Statistics with Computers	3
PHIL 2050	Ethics	3
PSY 1010	General Psychology	3
Health Information Management		
HIM 3000	Foundations in Health Information Management	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	2
HIM 4400	Clinical Data Analytics	3
HIM 4510	Health Care Financial Management	3
HIM 4530	Professional Practice	3
HIM 4750	Fundamentals of Clinical Medicine	3
HIM 4950	Senior Seminar	3
HSCI 3200	Health Law and Policy	3
HSCI 3700	Research Methods	3
HSCI 4100	Healthcare Technology	3

HSCI 4700	Quality Management	3
General Electives		**12**
Total Credits		**124-127**

- Students apply a maximum of 30 MHA credits completed in their first year to their undergraduate degree program and receive their Bachelor's Degree after the successful completion of the first year of the SLU MHA Program.
- Students must maintain a 3.4 cumulative GPA to continue in the Accelerated Program. After completing 75 credits, students will submit an application to SLU's MHA Program. If admitted to SLU's MHA Program, these students will begin their MHA program in their fourth year.
- Please note that the SLU MHA program is competitive and enrollment in the Accelerated HIM to MHA 3+2 track does not guarantee admission to the SLU MHA program.

Continuation Standards

Students must maintain a minimum 2.70 grade point average (GPA).

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Pre-Medicine Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
! CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CORE 1000	Ignite First Year Seminar	2
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1510	Calculus I	4
	Credits	**16**
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
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**17**
Year Two		
Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
! CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
	Credits	**16**
Spring		
BIOL 3040	Cell Structure & Function	3
! CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
	Credits	**16**
Year Three		
Fall		
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
! PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
SOC 1100	Introduction to Sociology	3
	Credits	**17**
Spring		
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
! PHYS 1330 & PHYS 1340	College Physics II and College Physics II Laboratory	4
PSY 3460	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
XXXX	Elective	3
	Credits	**17**
Year Four		
Fall		
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
CORE 3500	Cura Personalis 3: Self in the World	1
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
	Credits	**12-13**
Spring		
HSCI 3800	Epidemiology	3

HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
XXXX	Elective: satisfies CORE 4500	3
	Credits	**12**
	Total Credits	**123-124**

Pre-Med Track Notes

Courses substituted in place of electives or added to the curriculum as required courses for post-baccalaureate medical school programs are not guaranteed to meet all the pre-requisite requirements of all institutions. It is the responsibility of the student to contact their desired institution for post-baccalaureate study to identify the specific pre-requisite courses required for their area of study.

Pre-Physician Assistant and PA Scholars Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
! CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CORE 1000	Ignite First Year Seminar	2
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1400	Pre-Calculus	3
	Credits	**15**
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
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**17**
Year Two		
Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
! CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
	Credits	**16**
Spring		
! CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
XXXX	Elective	3
	Credits	**16**
Year Three		
Fall		
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
SOC 1100	Introduction to Sociology	3
	Credits	**15-16**
Spring		
BIOL 3030	Principles of Genetics	3
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 1010	General Psychology (satisfies CORE 3600)	3
PSY 3460	Abnormal Psychology	3
	Credits	**16**
Year Four		
Fall		
BLS 4510	Medical Microbiology	4
CORE 3500	Cura Personalis 3: Self in the World	1
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
MLS 4515	Medical Microbiology Laboratory	1
XXXX	Elective	3
	Credits	**15**
Spring		
HSCI 3800	Epidemiology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
XXXX	Elective: satisfies CORE 4500	3
XXXX	Elective	3
	Credits	**15**
	Total Credits	**125-126**

Pre-PA Track Notes

Courses substituted in place of electives or added to the curriculum as required courses for post-baccalaureate PA Programs are not guaranteed to meet all the pre-requisite requirements of all institutions. It is the responsibility of the student to contact their desired institution for post-baccalaureate study to identify the specific pre-requisite courses required for their area of study. *PA Scholars Only* - Upon completion of the

bachelor's degree, students will proceed directly into SLU's graduate-level PA program.

Health Information Management Concentration

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (satisfies CORE 3800)	4
CORE 1000	Ignite First Year Seminar	2-3
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1200	College Algebra	3
XXXX	Elective	3
	Credits	**14-15**
Spring		
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology (satisfies CORE 3600)	3
	Credits	**16**
Year Two		
Fall		
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
STAT 1300 or OPM 2070	Elementary Statistics with Computers (satisfies CORE 3200) or Introduction to Business Statistics	3
	Credits	**16**
Spring		
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
	Credits	**15-16**
Year Three		
Fall		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 4750	Fundamentals of Clinical Medicine	3
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (satisfies CORE 4000)	3
	Credits	**16**
Spring		
BTM 2000	Introduction to Business Technology Management	3
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory (! Reflection-in-Action in development)	2
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
	Credits	**16**
Year Four		
Fall		
BTM 2500	Data Modeling, Analysis and Visualization	3
HIM 3200	Health Data Management	3
HIM 4510	Health Care Financial Management	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
	Credits	**15**
Spring		
HIM 4400	Clinical Data Analytics	3
HIM 4530	Professional Practice (! CORE 3500 in development)	3
HIM 4950	Senior Seminar	3
HSCI 4700	Quality Management and Performance Improvement	3
XXXX	Elective	3
	Credits	**15**
	Total Credits	**123-125**

HIM Concentration Notes

Professional Practice is scheduled at affiliated healthcare facilities in the St. Louis area or by special arrangement elsewhere in the United States. Students are responsible for transportation and other expenses during these assignments.

Standard Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
CORE 1000	Ignite First Year Seminar	2
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1200	College Algebra	3
PSY 1010	General Psychology (satisfies CORE 3600)	3

XXXX	Elective	3
	Credits	**17**
Spring		
! BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1320	Survey of Calculus	3
	Credits	**16**
Year Two		
Fall		
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**16**
Spring		
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
XXXX: Elective		3
	Credits	**16**
Year Three		
Fall		
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
XXXX	Elective	3
	Credits	**15-16**
Spring		
CORE 3500	Cura Personalis 3: Self in the World	1
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 3460	Abnormal Psychology	3
XXXX	Elective	3
XXXX	Elective	3
	Credits	**14**
Year Four		
Fall		
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Elective	3
XXXX	Elective	3
XXXX	Elective	3
	Credits	**15**
Spring		
HSCI 3800	Epidemiology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
XXXX	Elective: satisfies CORE 4500	3
	Credits	**12**
	Total Credits	**121-122**

Medical Scholar Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
! CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
CORE 1500	Cura Personalis 1: Self in Community	1
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HSCI 1000	Introduction to Health Sciences	1
MATH 1510	Calculus I	4
	Credits	**17**
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
CORE 1000	Ignite First Year Seminar	2
PSY 1010	General Psychology (satisfies CORE 3600)	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**16**
Year Two		
Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
! CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
PPHS 1050	Medical Scholar	0
	Credits	**16**
Spring		
BIOL 3040	Cell Structure & Function	3

! CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
	Credits	**16**
Year Three		
Fall		
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
SOC 1100	Introduction to Sociology	3
	Credits	**17**
Spring		
CORE 3500	Cura Personalis 3: Self in the World	1
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
! PHYS 1330 & PHYS 1340	College Physics II and College Physics II Laboratory	4
PSY 3460	Abnormal Psychology	3
XXXX	Elective	3
	Credits	**15**
Year Four		
Fall		
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
BIOL XXXX	Upper Division Biology Elective	3
	Credits	**14-15**
Spring		
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
HSCI 3800	Epidemiology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
BIOL XXXX	Upper Division Biology Elective	3
	Credits	**15**
	Total Credits	**126-127**

Pharmacy Scholars & Pharm.D. Accelerated Track

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 or 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 II 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	**17**
Spring		
CORE 2800	Eloquentia 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.

Pre-Occupational Therapy Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
CORE 1000	Ignite First Year Seminar	2
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1200	College Algebra	3
XXXX	Elective	3
	Credits	**14**
Spring		
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology (satisfies CORE 3600)	3
	Credits	**16**
Year Two		
Fall		
! CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**16**
Spring		
! CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
	Credits	**15-16**
Year Three		
Fall		
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
! PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
SOC 1100	Introduction to Sociology	3
	Credits	**17**
Spring		
CORE 3500	Cura Personalis 3: Self in the World	1
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 3460	Abnormal Psychology	3
XXXX	Elective	3
XXXX	Elective	3
	Credits	**14**

Year Four		
Fall		
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Elective	3
XXXX	Elective	3
	Credits	**15**
Spring		
HSCI 3800	Epidemiology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
XXXX	Elective: satisfies CORE 4500	3
XXXX	Elective	3
	Credits	**15**
	Total Credits	**122-123**

Program Notes

Courses substituted in place of electives or added to the curriculum as required courses for post-baccalaureate MOT programs are not guaranteed to meet all the pre-requisite requirements of all institutions. It is the responsibility of the student to contact their desired institution for post-baccalaureate study to identify the specific pre-requisite courses required for their area of study.

Pre-Physical Therapy Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (! satisfies CORE 3800)	4
CORE 1000	Ignite First Year Seminar	2
CORE 1500	Cura Personalis 1: Self in Community	1
HSCI 1000	Introduction to Health Sciences	1
MATH 1400	Pre-Calculus	3
XXXX	Elective	3
	Credits	**14**
Spring		
! BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
ENGL 1900	Advanced Strategies of Rhetoric and Research (satisfies CORE 1900)	3
HCE 1600	Embodiment, Life, and Death in Context (satisfies CORE 1600)	3
MATH 1510	Calculus I	4
PSY 1010	General Psychology (satisfies CORE 3600)	3
	Credits	**17**
Year Two		
Fall		
! CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CMM 1200	Public Speaking (satisfies CORE 1200)	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
STAT 1300	Elementary Statistics with Computers (satisfies CORE 3200)	3
	Credits	**16**
Spring		
! CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
CORE 1700	Ultimate Questions: Philosophy	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
	Credits	**15-16**
Year Three		
Fall		
HSCI 3200	Aspects of Health Law	3
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods (! satisfies CORE 4000)	3
! PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
	Credits	**14**
Spring		
CORE 3500	Cura Personalis 3: Self in the World	1
XXXX	Elective	3
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
! PHYS 1240 & PHYS 1255	General Physics II and General Physics II Lab	4
PSY 3460	Abnormal Psychology	3
	Credits	**15**
Year Four		
Fall		
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Elective	3
XXXX	Elective	3
	Credits	**15**
Spring		
HSCI 3800	Epidemiology	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4700	Quality Management and Performance Improvement	3
MAT 3230	Exercise Physiology	3

XXXX	Elective: satisfies CORE 4500	3
	Credits	**15**
	Total Credits	**121-122**

Program Notes

Courses substituted in place of electives or added to the curriculum as required courses for post-baccalaureate DPT programs are not guaranteed to meet all the pre-requisite requirements of all institutions. It is the responsibility of the student to contact their desired institution for post-baccalaureate study to identify the specific pre-requisite courses required for their area of study.

Contact Us

Apply for Admission (https://www.slu.edu/admission/)

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

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