

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 special emphasis on the holistic context in which health care is delivered. Students in the health information management concentration are specifically 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.

- 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 the students in every phase of their education.
- Information technology is integrated throughout the curriculum, providing students with hands-on exposure and experience with typical systems utilized in the health care industry.

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 both 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 with a mission to prepare professionals who possess the competence, compassion and conduct requisite 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 freshmen 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 and statistical software and various other health information systems

The health sciences degree requires a minimum of 120 credits for degree completion. 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 the needed 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

HIM Concentration

The Health Sciences - Health Information Management concentration is designed for students interested in the study of medical sciences, 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)
- HIM to Law (Juris Doctorate)
- HIM to MHA (Master of Science in Health Administration)

Clinical and Research Opportunities

The HIM concentration has affiliations with local clinical sites for students to complete their professional practice experience. Each student will complete a project-based internship in their last year of study. 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 2019 was \$100,980 and the employment of health services managers is expected to experience a 32% average growth through 2029.

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

Freshmen Applicants

Solid academic performance in college preparatory coursework is 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.

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 a scholarship to sophomores, juniors and seniors.
- **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>.

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.

Health Sciences - Health Information Management Concentration

1. Graduates will be able to demonstrate Jesuit values of "Cura Personalis" as they engage in the management of health information.
2. Graduates will be able to use effective communication skills to manage patient health information.
3. Graduates will be able to incorporate critical thinking to solve complex problems related to management of health information.
4. Graduates will be able to demonstrate the application of research that incorporates health information.
5. Graduates will be able to formulate examples of ethical professionalism when managing health information.

Requirements

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

Standard Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1200	College Algebra	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1320	Survey of Calculus	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PSY 1010	General Psychology	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	3
Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)		3
Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)		3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
General Electives		18
Total Credits		121

Medical Scholar Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1510	Calculus I	4
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
PHYS 1330 & PHYS 1340	College Physics II and College Physics II Laboratory	4
PPHS 1000	Foundations of Medicine (Optional course)	1
PPHS 1050	Medical Scholar	0
PSY 1010	General Psychology	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	3
Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)		3
General Elective		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 US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
Total Credits		130

Pre-Physician Assistant and PA Scholar Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1400	Pre-Calculus	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PSY 1010	General Psychology	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	3
Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)		3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
General Electives		6

Total Credits 121

Pre-Medicine Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1510	Calculus I	4
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
PHYS 1330 & PHYS 1340	College Physics II and College Physics II Laboratory	4
PPHS 1000	Foundations of Medicine (Optional course)	1
PSY 1010	General Psychology	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	3

Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)	3
General Elective	3

Health Sciences

HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3

Total Credits 124

Pre-Pharm.D. Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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
BIOL 4640 & BIOL 4650	General Microbiology and General Microbiology Laboratory	5
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	3
ECON 1900	Principles of Economics	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1510	Calculus I	4
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4

PSY 1010	General Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
General Electives		9
Total Credits		121

Pre-Occupational Therapy Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1200	College Algebra	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1320	Survey of Calculus	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
PSY 1010	General Psychology	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
THEO 2xxx	Theology Elective	3
Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)		3

Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)	3	
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
Electives		
Select 15 credits	15	
Total Credits		122

Pre-Physical Therapy Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	4
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
BIOL 3480	Exercise Physiology	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature Elective	3
MATH 1400	Pre-Calculus	3
MATH 1300	Elementary Statistics with Computers	3
MATH 1510	Calculus I	4
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
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	3
PSY 4390	Abnormal Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3

THEO 2xxx	Theology Elective	3
Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)		3
Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)		3
Health Sciences		
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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	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	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
General Electives		6
Total Credits		121

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
Theology		3
Health Information Management		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 3200	Health Data Management	3
HIM 3300		4
HIM 3600	HIM Theory and Practice Laboratory	1
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	Aspects of Health Law	3
HSCI 3700	Research Methods	3
HSCI 4100	Healthcare Technology and Informatics	3

HSCI 4700	Quality Management and Performance Improvement	3
Total Credits		64-67

Health Information Management Track

Code	Title	Credits
Foundation		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	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	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
ENGL 2xxx	Literature	3
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US 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
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PSY 1010	General Psychology	3
SOC 1100	Introduction to Sociology	3
THEO 1000	Theological Foundations	3
Fine Art (Cultural Studies, Art, Dance, Music, Theater)		3
PHIL 2050 or HCE 2010	Ethics Foundations in Clinical Health Care Ethics	3
PHIL 2xxx or THEO 2xxx	Philosophy or Theology Elective	3
Health Information Management		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	1
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	Aspects of Health Law	3
HSCI 3700	Research Methods	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4700	Quality Management and Performance Improvement	3
Total Credits		123

HIM to M.S. Health Data Sciences Track

Code	Title	Credits
Foundation		
BTM 2000	Introduction to Business Technology Management	3
BTM 3300	Managing Databases and Big Data	3
BTM 3700	Business Analytics	3
CMM 1200	Public Speaking	3
ECON 1900	Principles of Economics	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
HMP 5000	Health Care Organization	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 1320	Survey of Calculus	3
MGT 3800	Project Management	3
OPM 2070	Introduction to Business Statistics	3
ORES 5160	Data Management	3
ORES 5300	Foundations of Outcomes Research I	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050	Ethics	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
2XXX	Literature Elective	3
XXXX	Biology or Other Science Elective	3
XXXX	Fine Arts Elective	3
XXXX	General Elective	3
XXXX	General Elective	3
XXXX	Science Elective	3
XXXX	Social Science Elective	3
Health Information Management		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 3200	Health Data Management	3
HIM 3600	HIM Theory and Practice Laboratory	1
HIM 3400	Coding and Classification Systems	4
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	Aspects of Health Law	3
HSCI 4100	Healthcare Technology and Informatics	3

HSCI 4700	Quality Management and Performance Improvement	3
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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		133

HIM to Juris Doctor (Law) Track

Code	Title	Credits
Foundation		
BIOL xxxx	Biology or other Science Elective	3-4
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
ENGL 2xxx	Literature	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 1050	Introduction to Philosophy: Self and Reality	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
Fine Art (Cultural Studies, Art, Dance, Music, Theater)		3
Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)		3
PHIL 2050	Ethics	3
or HCE 2010	Foundations in Clinical Health Care Ethics	
PHIL 2xxx or THEO 2xxx	Philosophy or Theology Elective	3
Health Information Management		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	1
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	Aspects of Health Law	3
HSCI 3700	Research Methods	3
HSCI 4100	Healthcare Technology and Informatics	3

HSCI 4700	Quality Management and Performance Improvement	3
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Total Credits **100-101**

HIM to Master of Health Administration (MHA) Track

Code	Title	Credits
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 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050	Ethics	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
ENGL 2XXX/3XXX	Literature Elective	3
XXXX	Fine Arts Elective	3
2XXX	Philosophy or Theology Elective	3
XXXX	Science Elective	3
XXXX	Social Science Elective	3
Health Information Management		
HIM 3000	Health Information Management Concepts and Practice	3
HIM 3200	Health Data Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	1
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	Aspects of Health Law	3
HSCI 3700	Research Methods	3
HSCI 4100	Healthcare Technology and Informatics	3
HSCI 4700	Quality Management and Performance Improvement	3
Total Credits		100

- 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.

Standard Track

Course	Title	Credits
Year One		
Fall		
! BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	4
HSCI 1000	Introduction to Health Sciences	1
MATH 1200	College Algebra	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
Credits		14
Spring		
! BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
XXXX	Elective	3
Credits		16
Year Two		
Fall		
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CMM 1200	Public Speaking	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
MATH 1300	Elementary Statistics with Computers	3
Credits		16
Spring		
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4

HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
SOC 1100	Introduction to Sociology	3
XXXX: Elective		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	3
XXXX	Elective	3
2XXX	Literature Elective	3

Credits 16

Spring

HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 4390	Abnormal Psychology	3
XXXX	Fine Art Elective	3

Credits 13

Year Four

Fall

HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Elective	3
XXXX	Elective	3
XXXX	Social Science Elective	3

Credits 15

Spring

HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
THEO 2XXX	Theology Elective	3
XXXX	Elective	3

Credits 15

Total Credits 121

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	4
! CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
HSCI 1000	Introduction to Health Sciences	1
MATH 1510	Calculus I	4

ENGL 1900	Advanced Strategies of Rhetoric and Research	3
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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
PPHS 1000	Foundations of Medicine (! Optional)	1
MATH 1300	Elementary Statistics with Computers	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3

Credits 18

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	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
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
PHIL 1050	Introduction to Philosophy: Self and Reality	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	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
SOC 1100	Introduction to Sociology	3

Credits 17

Spring

HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
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 4390	Abnormal Psychology	3
XXXX	Elective	3

Credits 17

Year Four

Fall		
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Fine Art Elective	3
BIOL XXXX	Upper Division Biology Elective	3
2XXX	Literature Elective	3
Credits		15
Spring		
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
BIOL XXXX	Upper Division Biology Elective	3
THEO 2XXX	Theology Elective	3
Credits		15
Total Credits		130

Program Notes

Courses substituted in place of electives or added to 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.

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
HSCI 1000	Introduction to Health Sciences	1
HSCI 2000	The US Health Care System	3
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
CMM 1200	Public Speaking	3
MATH 1300	Elementary Statistics with Computers	3
THEO 1000	Theological Foundations	3
Credits		17
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
HSCI 3200	Aspects of Health Law	3
PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
ECON 1900	Principles of Economics	3
Credits		17
Spring		
BIOL 3040	Cell Structure & Function	3
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
HSCI 2500	Human Development across the Lifespan	3
PSY 1010	General Psychology	3
THEO 2XXX	Theology Elective	3
Credits		16

Summer

SOC 1100	Introduction to Sociology	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
Credits		6

Year Three

Fall		
BIOL 4640 & BIOL 4650	General Microbiology and General Microbiology Laboratory	5
HSCI 3300 & HSCI 3310	Anatomy & Physiology I and Anatomy & Physiology I Lab	4
HSCI 3700	Research Methods †	3
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
Credits		18
Spring		
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement †	3
ENGL 2XXX	English Literature Elective ‡	3
XXXX: Healthcare Ethics		3
Credits		16
Total Credits		112

† 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-Physician Assistant 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
HSCI 1000	Introduction to Health Sciences	1
MATH 1400	Pre-Calculus	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	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
MATH 1300	Elementary Statistics with Computers	3
PSY 1010	General Psychology	3
Credits		14
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	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
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
XXXX	Fine Arts Elective	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	3
SOC 1100	Introduction to Sociology	3

XXXX	Elective	3
Credits		16
Spring		
BIOL 3030	Principles of Genetics	3
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 4390	Abnormal Psychology	3
Credits		13
Year Four		
Fall		
BLS 4510	Medical Microbiology	4
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
THEO 1000	Theological Foundations	3
2XXX	Literature Elective	3
Credits		16
Spring		
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
THEO 2XXX	Theology Elective	3
XXXX	Elective	3
Credits		15
Total Credits		121

Program Notes

Courses substituted in place of electives or added to 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.

Physician Assistant Scholars 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
HSCI 1000	Introduction to Health Sciences	1
MATH 1400	Pre-Calculus	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	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
MATH 1300	Elementary Statistics with Computers	3
PSY 1010	General Psychology	3
Credits		14

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	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
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
XXXX	Fine Arts Elective	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	3
SOC 1100	Introduction to Sociology	3
XXXX	Elective	3
Credits		16

Spring

BIOL 3030	Principles of Genetics	3
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 4390	Abnormal Psychology	3
Credits		13

Year Four**Fall**

BLS 4510	Medical Microbiology	4
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
THEO 1000	Theological Foundations	3
2XXX	Literature Elective	3
Credits		16

Spring

HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
THEO 2XXX	Theology Elective	3

XXXX	Elective	3
Credits		15
Total Credits		121

Program Notes

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

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	4
! CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
HSCI 1000	Introduction to Health Sciences	1
MATH 1510	Calculus I	4
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
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
PPHS 1000	Foundations of Medicine (! Optional)	1
MATH 1300	Elementary Statistics with Computers	3
PSY 1010	General Psychology	3
Credits		15

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	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
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
PHIL 1050	Introduction to Philosophy: Self and Reality	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	3
! PHYS 1310 & PHYS 1320	College Physics I and College Physics I Laboratory	4
SOC 1100	Introduction to Sociology	3
Credits		17
Spring		
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
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 4390	Abnormal Psychology	3
Credits		14
Year Four		
Fall		
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
THEO 1000	Theological Foundations	3
XXXX	Fine Art Elective	3
2XXX	Literature Elective	3
Credits		15
Spring		
HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
THEO 2XXX	Theology Elective	3
XXXX	Elective	3
Credits		15
Total Credits		124

Program Notes

Courses substituted in place of electives or added to 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-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	4
HSCI 1000	Introduction to Health Sciences	1
MATH 1200	College Algebra	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
Credits		14

Spring		
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
XXXX	Elective	3
Credits		16
Year Two		
Fall		
! CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CMM 1200	Public Speaking	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
MATH 1300	Elementary Statistics with Computers	3
Credits		16
Spring		
! CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
SOC 1100	Introduction to Sociology	3
XXXX	Elective	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	3
! PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
THEO 2XXX	Theology Elective	3
Credits		17
Spring		
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
PSY 4390	Abnormal Psychology	3
XXXX	Elective	3
XXXX	Fine Art Elective	3
Credits		13
Year Four		
Fall		
HSCI 4000	Neuroscience in Everyday Life	3
HSCI 4100	Healthcare Technology and Informatics	3
XXXX	Elective	3
XXXX	Social Science Elective	3
2XXX	Literature Elective	3
Credits		15
Spring		
HSCI 4500	Hot Topics in Health Care	3

HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
XXXX	Elective	3
Credits		15
Total Credits		122

Program Notes

Courses substituted in place of electives or added to 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	4
HSCI 1000	Introduction to Health Sciences	1
MATH 1400	Pre-Calculus	3
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
Credits		14
Spring		
! BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
MATH 1510	Calculus I	4
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
Credits		14
Year Two		
Fall		
! CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CMM 1200	Public Speaking	3
HSCI 2000	The US Health Care System	3
HSCI 2200	Medical Terminology	3
MATH 1300	Elementary Statistics with Computers	3
Credits		16
Spring		
! CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
HSCI 2100	Health Care Management	3
HSCI 2500	Human Development across the Lifespan	3
SOC 1100	Introduction to Sociology	3
XXXX	Elective	3
Credits		16

Year Three

Fall		
BIOL 3480	Exercise Physiology	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	3
! PHYS 1220 & PHYS 1235	General Physics I and General Physics I Lab	4
Credits		17

Spring

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 4390	Abnormal Psychology	3
THEO 2XXX	Theology 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	Social Science Elective	3
2XXX	Literature Elective	3
Credits		15

Spring

HSCI 4500	Hot Topics in Health Care	3
HSCI 4600	Consumer Healthcare Technology	3
HSCI 4700	Quality Management and Performance Improvement	3
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
XXXX	Fine Art Elective	3
Credits		15
Total Credits		121

Program Notes

Courses substituted in place of electives or added to 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.

Health Information Management Track

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory	4
ENGL 1900	Advanced Strategies of Rhetoric and Research	3
HSCI 1000	Introduction to Health Sciences	1

MATH 1200	College Algebra	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
Credits		14
Spring		
BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	4
MATH 1320	Survey of Calculus	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
XXXX	Fine Art Elective	3
Credits		16
Year Two		
Fall		
CHEM 1080 & CHEM 1085	Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab	4
CMM 1200	Public Speaking	3
HSCI 2000	The US Health Care System	3
MATH 1300 or OPM 2070	Elementary Statistics with Computers or Introduction to Business Statistics	3
2XXX/3XXX	Literature Elective	3
Credits		16
Spring		
CHEM 1480 & CHEM 1485	Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab	4
HSCI 2100	Health Care Management	3
HSCI 2200	Medical Terminology	3
HSCI 2500	Human Development across the Lifespan	3
SOC 1100	Introduction to Sociology	3
Credits		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	3
Credits		16
Spring		
BTM 2000	Introduction to Business Technology Management	3
HIM 3400	Coding and Classification Systems	4
HIM 3600	HIM Theory and Practice Laboratory	1
HSCI 3400 & HSCI 3410	Anatomy and Physiology Lecture II and Anatomy & Physiology II Lab	4
XXXX	Philosophy or Theology Elective	3
Credits		15
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		
HCE 2010 or PHIL 2050	Foundations in Clinical Health Care Ethics or Ethics	3
HIM 4400	Clinical Data Analytics	3
HIM 4530	Professional Practice	3
HIM 4950	Senior Seminar	3
HSCI 4700	Quality Management and Performance Improvement	3
Credits		15
Total Credits		123

Program 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.

Contact Us

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

For additional admission questions please contact:

Julie Miller
Recruitment Specialist
314-977-2570
dchs@health.slu.edu

2+SLU

2+SLU programs are formal transfer agreements for students seeking an associate degree at a partner institution.

- Health Information Management-Health Sciences, B.S. (STLCC 2+SLU)