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 thread 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1080 &amp; CHEM 1085</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1480 &amp; CHEM 1485</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHIL 2050 or HCE 2010</td>
<td>Ethics or Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Health Sciences**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300 &amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3400 &amp; HSCI 3410</td>
<td>Anatomy and Physiology Lecture II and Anatomy &amp; Physiology II Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Electives** 18

**Total Credits** 121
## Medical Scholar Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245</td>
<td>and Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1265</td>
<td>and Principles of Biology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3040</td>
<td>Cell Structure &amp; Function</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1110</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1115</td>
<td>and General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1120</td>
<td>General Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1125</td>
<td>and General Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2410</td>
<td>Organic Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2415</td>
<td>and Organic Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2420</td>
<td>Organic Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2425</td>
<td>and Organic Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy. Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PHYS 1310</td>
<td>College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1320</td>
<td>and College Physics I Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 1330</td>
<td>College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1340</td>
<td>and College Physics II Laboratory</td>
<td></td>
</tr>
<tr>
<td>PPHS 1000</td>
<td>Foundations of Medicine (Optional course)</td>
<td>1</td>
</tr>
<tr>
<td>PPHS 1050</td>
<td>Medical Scholar</td>
<td>0</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Biology Electives

Select two of the following:

- 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
- HSCI 2000 The US Health Care System
- HSCI 2100 Health Care Management
- HSCI 2200 Medical Terminology
- HSCI 2500 Human Development across the Lifespan
- HSCI 3200 Aspects of Health Law
- HSCI 3300 Anatomy & Physiology I
- & HSCI 3310 and Anatomy & Physiology I Laboratory
- HSCI 3400 Anatomy and Physiology Lecture II
- & HSCI 3410 and Anatomy & Physiology II Laboratory
- HSCI 3700 Research Methods
- HSCI 4000 Neuroscience in Everyday Life
- HSCI 4100 Healthcare Technology and Informatics
- HSCI 4500 Hot Topics in Health Care
- HSCI 4600 Consumer Healthcare Technology
- HSCI 4700 Quality Management and Performance Improvement

**Total Credits: 130**

## Pre-Physician Assistant and PA Scholar Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245</td>
<td>and Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1265</td>
<td>and Principles of Biology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3030</td>
<td>Principles of Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BLS 4510</td>
<td>Medical Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1110</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1115</td>
<td>and General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1120</td>
<td>General Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1125</td>
<td>and General Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2410</td>
<td>Organic Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2415</td>
<td>and Organic Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2420</td>
<td>Organic Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2425</td>
<td>and Organic Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1400</td>
<td>Pre-Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy. Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Biology Electives

- 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
- HSCI 2000 The US Health Care System
- HSCI 4700 Quality Management and Performance Improvement

**Total Credits: 130**
### Pre-Medicine Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>121</strong></td>
</tr>
</tbody>
</table>

### Pre-Pharm.D. Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245 &amp; General Biology: Transformations of Energy and Matter</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>&amp; Principles of Biology I Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3040</td>
<td>Cell Structure &amp; Function</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1110</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1115 &amp; General Chemistry 1 Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1120</td>
<td>General Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1125 &amp; General Chemistry 2 Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 2410</td>
<td>Organic Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2415 &amp; Organic Chemistry 1 Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 2420</td>
<td>Organic Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2425 &amp; Organic Chemistry 2 Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PHYS 1310</td>
<td>College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1320 &amp; College Physics I Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 1330</td>
<td>College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1340 &amp; College Physics II Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PPHE 1000</td>
<td>Foundations of Medicine (Optional course)</td>
<td>1</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>124</strong></td>
</tr>
</tbody>
</table>

### Health Sciences

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>&amp; HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PHYS 1310</td>
<td>College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1320 &amp; College Physics I Laboratory</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fine Art (Foreign Language, Cultural Studies, Art, Dance, Music, Theater)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Foundations in Clinical Health Care Ethics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Health Sciences</td>
<td></td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
</tbody>
</table>

### Literature Elective

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>&amp; HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PHYS 1310</td>
<td>College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1320 &amp; College Physics I Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1080 &amp; CHEM 1085</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1480 &amp; CHEM 1485</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1220 &amp; PHYS 1235</td>
<td>General Physics I and General Physics I Lab</td>
<td>4</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Health Sciences**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310 &amp; Anatomy &amp; Physiology I Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture I and Anatomy &amp; Physiology II Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select 15 credits

**Total Credits** 122

---

**Pre-Physical Therapy Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1080 &amp; CHEM 1085</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1480 &amp; CHEM 1485</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1220 &amp; PHYS 1235</td>
<td>General Physics I and General Physics I Lab</td>
<td>4</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Foundation**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3480</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1080 &amp; CHEM 1085</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1480 &amp; CHEM 1485</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1400</td>
<td>Pre-Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1220 &amp; PHYS 1235</td>
<td>General Physics I and General Physics I Lab</td>
<td>4</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>Anatomy and Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>121</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245</td>
<td>and Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1265</td>
<td>and Principles of Biology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>BMT 2500</td>
<td>Data Modeling, Analysis and Visualization</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1080</td>
<td>Principles of Chemistry 1 Lecture</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1085</td>
<td>and Principles of Chemistry 1 Lab</td>
<td></td>
</tr>
<tr>
<td>CHEM 1480</td>
<td>Principles of Chemistry 2 Lecture</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1485</td>
<td>and Principles of Chemistry 2 Lab</td>
<td></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2xxx</td>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>Anatomy and Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art (Cultural Studies, Art, Dance, Music, Theater)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2xxx or</td>
<td>Philosophy or Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits**: 123

### HIM to M.S. Health Data Sciences Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>BTM 3300</td>
<td>Managing Databases and Big Data</td>
<td>3</td>
</tr>
<tr>
<td>BTM 3700</td>
<td>Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>HMP 5000</td>
<td>Health Care Organization</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3800</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>OPM 2070</td>
<td>Introduction to Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ORES 5160</td>
<td>Data Management</td>
<td>3</td>
</tr>
<tr>
<td>ORES 5300</td>
<td>Foundations of Outcomes Research I</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Biology or Other Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>General Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>General Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Health Information Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3200</td>
<td>Health Data Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3600</td>
<td>HIM Theory and Practice Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HIM 3400</td>
<td>Coding and Classification Systems</td>
<td>4</td>
</tr>
<tr>
<td>HIM 4400</td>
<td>Clinical Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4510</td>
<td>Health Care Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4530</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4750</td>
<td>Fundamentals of Clinical Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4950</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits**: 133

### HIM to Juris Doctor (Law) Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL xxxx</td>
<td>Biology or other Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>BTM 3300</td>
<td>Managing Databases and Big Data</td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Art (Cultural Studies, Art, Dance, Music, Theater)</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science (Anthropology, Political Science, Criminal Justice, Sociology, Select Psychology, Urban Politics)</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td></td>
</tr>
<tr>
<td>PHIL 2xxx or THEO 2xxx</td>
<td>Philosophy or Theology Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Health Information Management

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3200</td>
<td>Health Data Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3400</td>
<td>Coding and Classification Systems</td>
<td>4</td>
</tr>
<tr>
<td>HIM 3600</td>
<td>HIM Theory and Practice Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HIM 4400</td>
<td>Clinical Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4510</td>
<td>Health Care Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4530</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4750</td>
<td>Fundamentals of Clinical Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
</tbody>
</table>
HSCI 4700  Quality Management and Performance Improvement 3

Total Credits  100

**HIM to Master of Health Administration (MHA) Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>BTM 3300</td>
<td>Managing Databases and Big Data</td>
<td>3</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1900</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300 &amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3400 &amp; HSCI 3410</td>
<td>Anatomy and Physiology Lecture II and Anatomy &amp; Physiology II Lab</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 2050</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2XXX/3XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Philosophy or Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3200</td>
<td>Health Data Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3400</td>
<td>Coding and Classification Systems</td>
<td>4</td>
</tr>
<tr>
<td>HIM 3600</td>
<td>HIM Theory and Practice Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HIM 4400</td>
<td>Clinical Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4510</td>
<td>Health Care Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4530</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4750</td>
<td>Fundamentals of Clinical Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3200</td>
<td>Health Data Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3400</td>
<td>Coding and Classification Systems</td>
<td>4</td>
</tr>
<tr>
<td>HIM 3600</td>
<td>HIM Theory and Practice Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HIM 4400</td>
<td>Clinical Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4510</td>
<td>Health Care Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4530</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4750</td>
<td>Fundamentals of Clinical Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>100</strong></td>
<td></td>
</tr>
</tbody>
</table>

- 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year One</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>! BIOL 1240</td>
<td>General Biology: Information Flow and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245</td>
<td>General Biology: Information Flow and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>! BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Year Two</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1080</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1085</td>
<td>Principles of Chemistry 1 Lecture and Principles of Chemistry 1 Lab</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1480</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1485</td>
<td>Principles of Chemistry 2 Lecture and Principles of Chemistry 2 Lab</td>
<td>4</td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>----------</td>
<td>-----------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>XXXX: Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Year Three</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCE 2010</td>
<td>or PHIL 2050 Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Art Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Year Four</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2XXX</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>121</td>
</tr>
</tbody>
</table>

### Medical Scholar Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>Year One</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>! BIOL 1240</td>
<td>General Biology: Information Flow and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1245</td>
<td>and Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>! CHEM 1110</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1115</td>
<td>and General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

### Year Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>! CHEM 2410</td>
<td>Organic Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2415</td>
<td>and Organic Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>PPHS 1050</td>
<td>Medical Scholar</td>
<td>0</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 3040</td>
<td>Cell Structure &amp; Function</td>
<td>3</td>
</tr>
<tr>
<td>! CHEM 2420</td>
<td>Organic Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 2425</td>
<td>and Organic Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Year Three</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PPHS 1000</td>
<td>Foundations of Medicine (Optional)</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>! HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>and Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>! PHYS 1330</td>
<td>College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1340</td>
<td>and College Physics II Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Credits</td>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>
## 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

### 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 I and General Chemistry I 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 II and General Chemistry II 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
- **BIOI 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
- **HSCI 3210** and College Physics I Laboratory 4
- **PHYS 1310 & PHYS 1320** College Physics I and College Physics I Laboratory 4
- **ECON 1900** Principles of Economics 3
- **Credits** 17

#### Spring
- **BIOI 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
- **BIOI 4640 & BIOI 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
- **XXX: 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year One</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td>! BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
</tr>
<tr>
<td></td>
<td>! CHEM 1110 &amp; CHEM 1115</td>
<td>General Chemistry 1 and General Chemistry 1 Laboratory</td>
</tr>
<tr>
<td></td>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
</tr>
<tr>
<td></td>
<td>MATH 1400</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td></td>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td>! BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
</tr>
<tr>
<td></td>
<td>! CHEM 1120 &amp; CHEM 1125</td>
<td>General Chemistry 2 and General Chemistry 2 Laboratory</td>
</tr>
<tr>
<td></td>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
</tr>
<tr>
<td></td>
<td>PSY 1010</td>
<td>General Psychology</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td><strong>Year Two</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>! CHEM 2410 &amp; CHEM 2415</td>
<td>Organic Chemistry 1 and Organic Chemistry 1 Laboratory</td>
</tr>
<tr>
<td></td>
<td>CMM 1200</td>
<td>Public Speaking</td>
</tr>
<tr>
<td></td>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
</tr>
<tr>
<td></td>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td>! CHEM 2420 &amp; CHEM 2425</td>
<td>Organic Chemistry 2 and Organic Chemistry 2 Laboratory</td>
</tr>
<tr>
<td></td>
<td>HSCI 2100</td>
<td>Health Care Management</td>
</tr>
<tr>
<td></td>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
</tr>
<tr>
<td></td>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
</tr>
<tr>
<td></td>
<td>XXXX</td>
<td>Fine Arts Elective</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td><strong>Year Three</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
</tr>
<tr>
<td></td>
<td>HSCI 3300 &amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
</tr>
<tr>
<td></td>
<td>HSCI 3700</td>
<td>Research Methods</td>
</tr>
<tr>
<td></td>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td></td>
<td>XXXX</td>
<td>Elective</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

### Physician Assistant Scholars Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year One</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td>! BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
</tr>
<tr>
<td></td>
<td>! CHEM 1110 &amp; CHEM 1115</td>
<td>General Chemistry 1 and General Chemistry 1 Laboratory</td>
</tr>
<tr>
<td></td>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
</tr>
<tr>
<td></td>
<td>MATH 1400</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td></td>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td>! BIOL 1260 &amp; BIOL 1265</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
</tr>
<tr>
<td></td>
<td>! CHEM 1120 &amp; CHEM 1125</td>
<td>General Chemistry 2 and General Chemistry 2 Laboratory</td>
</tr>
<tr>
<td></td>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
</tr>
</tbody>
</table>

### 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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3020</td>
<td>Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>! CHEM 2410 &amp; CHEM 2415</td>
<td>Organic Chemistry 1 and Organic Chemistry 1 Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3040</td>
<td>Cell Structure &amp; Function</td>
<td>3</td>
</tr>
<tr>
<td>! CHEM 2420 &amp; CHEM 2425</td>
<td>Organic Chemistry 2 and Organic Chemistry 2 Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3050</td>
<td>Advanced Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>! CHEM 1110 &amp; CHEM 1115</td>
<td>General Chemistry 1 and General Chemistry 1 Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1510</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>BLS 4510</td>
<td>Medical Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3040</td>
<td>Cell Structure &amp; Function</td>
<td>3</td>
</tr>
<tr>
<td>! CHEM 2420 &amp; CHEM 2425</td>
<td>Organic Chemistry 2 and Organic Chemistry 2 Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>PPHS 1000</td>
<td>Foundations of Medicine (Optional)</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1301</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2000</td>
<td>Theoretical Foundations</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2XXX</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>! PHYS 1310</td>
<td>College Physics I and College Physics I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td>HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or PHIL 2050</td>
<td>or Ethics</td>
<td></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>and Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>! PHYS 1330</td>
<td>College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1340</td>
<td>and College Physics II Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Art Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Year Two</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Year Three</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>! PHYS 1220</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1235</td>
<td>and General Physics I Lab</td>
<td></td>
</tr>
<tr>
<td>THEO 2XXX</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>and Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! BIOL 1240</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>! BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>! PHYS 1220</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 1235</td>
<td>and General Physics I Lab</td>
<td></td>
</tr>
<tr>
<td>THEO 2XXX</td>
<td>Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td>and Anatomy &amp; Physiology II Lab</td>
<td></td>
</tr>
<tr>
<td>PSY 4390</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>HSCI 4500</td>
<td>Hot Topics in Health Care</td>
<td>3</td>
</tr>
</tbody>
</table>
### Pre-Physical Therapy Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 4600</td>
<td>Consumer Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td>HCE 2010 or PHIL 2050</td>
<td>Foundations in Clinical Health Care Ethics or Ethics</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**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.

### Year Three

<table>
<thead>
<tr>
<th>Year Three</th>
<th>Fall</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 4400</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td>Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>! PHYS 1220 &amp; PHYS 1235</td>
<td>General Physics I and General Physics I Lab</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>122</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! BIOL 1240 &amp; BIOL 1245</td>
<td>General Biology: Information Flow and Evolution and Principles of Biology I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
<td>1</td>
</tr>
<tr>
<td>MATH 1500</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Advanced Strategies of Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>

### Year Four

<table>
<thead>
<tr>
<th>Year Four</th>
<th>Fall</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>2XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1050</td>
<td>Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1260</td>
<td>General Biology: Transformations of Energy and Matter</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 1265</td>
<td>and Principles of Biology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 1000</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>XXXX</td>
<td>Fine Art Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Year Two</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1080</td>
<td>Principles of Chemistry 1 Lecture</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1085</td>
<td>and Principles of Chemistry 1 Lab</td>
<td></td>
</tr>
<tr>
<td>CMM 1200</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>The US Health Care System</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1300</td>
<td>Elementary Statistics with Computers or Introduction to Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>or OPM 2070</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2XXX/3XXX</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1480</td>
<td>Principles of Chemistry 2 Lecture</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1485</td>
<td>and Principles of Chemistry 2 Lab</td>
<td></td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>Health Care Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2200</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>Year Three</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4750</td>
<td>Fundamentals of Clinical Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3200</td>
<td>Aspects of Health Law</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3300</td>
<td>Anatomy &amp; Physiology I and Anatomy &amp; Physiology I Lab</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3310</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCI 3700</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3400</td>
<td>Coding and Classification Systems</td>
<td>4</td>
</tr>
<tr>
<td>HIM 3600</td>
<td>HIM Theory and Practice Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 3400</td>
<td>Anatomy and Physiology Lecture II and Anatomy &amp; Physiology II Lab</td>
<td>4</td>
</tr>
<tr>
<td>&amp; HSCI 3410</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XXXX</td>
<td>Philosophy or Theology Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BTM 2500</td>
<td>Data Modeling, Analysis and Visualization</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3200</td>
<td>Health Data Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4510</td>
<td>Health Care Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4000</td>
<td>Neuroscience in Everyday Life</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4100</td>
<td>Healthcare Technology and Informatics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCE 2010</td>
<td>Foundations in Clinical Health Care Ethics or Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or PHIL 2050</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIM 4400</td>
<td>Clinical Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4530</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4700</td>
<td>Quality Management and Performance Improvement</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Credits</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**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