SAINT LOUIS UNIVERSITY'S ACCELERATED PROGRAMS IN HEALTH SCIENCES, HEALTH INFORMATION MANAGEMENT, BACHELOR'S TO HEALTH DATA SCIENCE, M.S. ACCELERATED PROGRAM

Saint Louis University’s accelerated Bachelor of Science in Health Sciences with a concentration in Health Information Management to Master of Science in Health Data Science is designed for students who demonstrate academic success in health information management and related coursework.

The concentration in health information management (HIM) blends the study of medical sciences, health data, information technology, legal concepts and health care management.

Students in the HIM concentration learn the nuances of health care delivery, health care data, data management, health information technology and medical-legal aspects of health care. This knowledge establishes a strong foundation for students interested in pursuing an M.S. in health data science (https://catalog.slu.edu/colleges-schools/medicine/health-outcomes-research/health-data-science-ms/).

Students retain undergraduate status, financial aid and tuition rates until their Bachelor of Science degree is conferred after year four. At that time, students attain official graduate student status, pay graduate tuition and become eligible for graduate assistantships.

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

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

Health Data Science, M.S. (https://catalog.slu.edu/colleges-schools/medicine/health-outcomes-research/health-data-science-ms/)

Accreditation

The B.S. in Health Sciences, Health Information Management concentration is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Requirements

Admission Requirements

Eligibility requirements for SLU’s health sciences B.S., health information management concentration to health data science, M.S. accelerated program include:

- Students must have a minimum cumulative GPA of 3.00
- Students must be in good academic and disciplinary standing with Saint Louis University and the Doisy College of Health Sciences.
- Students can declare their interest to the accelerated program to their advisor up until the sixth semester.
- No earlier than the sixth semester of collegiate study, students in the accelerated health information management concentration to M.S. health data science track submit a letter of interest to the Health Information Management Program.

Program Requirements

- In the eighth semester, students will apply to the M.S. in health data science program.
- Students will substitute designated graduate health data science courses for undergraduate health information management courses in the seventh and eighth semesters. Students can count up to 15 credits from the M.S. towards the B.S. requirements, but due to the nature of both programs, most students end up counting 9 credits from the M.S. towards the B.S.
- Accepted students will continue M.S. in health data science graduate coursework in the summer semester after graduating with a B.S in health sciences, health information management concentration.

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL</td>
<td>CORE 1000</td>
<td>Ignite First Year Seminar</td>
</tr>
<tr>
<td>CORE 1500</td>
<td>Cura Personalis 1: Self in Community</td>
<td>1</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>XXXX</td>
<td>Core Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Summer

<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 (satisfies CORE 3800)</td>
<td>4</td>
</tr>
<tr>
<td>CORE 1600</td>
<td>Cura Personalis 2: Self in Contemplation</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>Language and Rhetoric (satisfies CORE 1900)</td>
<td>3</td>
</tr>
<tr>
<td>HCE 1600</td>
<td>Embodiment, Life, and Death in Context (satisfies CORE 1600)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Survey of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>General Psychology (satisfies CORE 3600)</td>
<td>3</td>
</tr>
</tbody>
</table>

Year Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE 1700</td>
<td>Ultimate Questions: Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>CORE 2500</td>
<td>Cura Personalis 2: Self in Contemplation</td>
<td>0</td>
</tr>
</tbody>
</table>
Saint Louis University Academic Catalog 2024-2025

**Year Three**

**Fall**

- HIM 3200 Health Data Management 3
- HIM 4750 Fundamentals of Clinical Medicine 3
- HSCI 3200 Aspects of Health Law 3
- HSCI 3300 Anatomy & Physiology I 4
  & HSCI 3310 Anatomy & Physiology I Lab 3
- HSCI 3700 Research Methods (satisfies CORE 4000) 3

**Spring**

- BTM 2500 Data Modeling, Analysis and Visualization 3
- CORE 3400 Ways of Thinking: Aesthetics, History, and Culture 3
- HIM 3400 Coding and Classification Systems 4
- HIM 3600 HIM Theory and Practice Laboratory 2
  (satisfies CORE 4500) 2
- HSCI 3400 Anatomy and Physiology Lecture II 4
  & HSCI 3410 Anatomy & Physiology II Lab 3

**Credits** 14-15

**Year Four**

**Fall**

- BTM 3300 Managing Databases and Big Data 3
- HDS 5310 Analytics and Statistical Programming 3
- HIM 4510 Health Care Financial Management 3
- HSCI 4100 Healthcare Technology and Informatics 3
- ORES 5300 Foundations of Outcomes Research I 3

**Spring**

- BTM 3700 Business Analytics 3
- HDS 5210 Programming for Health Data Scientists 3
- HIM 4530 Professional Practice (satisfies CORE 3500) 3
- HIM 4950 Senior Seminar 3
- HSCI 4700 Quality Management and Performance Improvement 3

**Credits** 15

**Year Five**

**Fall**

- HDS 5330 Predictive Modeling and Machine Learning 3
- ORES 5160 Data Management 3

**Credits** 6

**Spring**

- HDS 5230 High Performance Computing 3
- HMP 5000 Health Care Organization 3

**Credits** 6

**Summer**

- HDS 5960 Capstone Experience 3

**Credits** 3

**Total Credits** 139-140

**Contact Us**

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

Contact Doisy College of Health Sciences
Recruitment specialist
314-977-2570
dchs@health.slu.edu