HEALTH SCIENCES, HEALTH INFORMATION MANAGEMENT, B.S. TO HEALTH DATA SCIENCE, M.S. ACCELERATED PROGRAM

Saint Louis University's accelerated Bachelor of Science in Health Sciences-Health Information Management/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 program 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://www.slu.edu/medicine/health-and-clinical-outcomes-research/degrees/health-data-science-ms.php).

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 programs:

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


Accreditation

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

Requirements

Eligibility requirements for SLU’s health sciences, health information management, B.S. 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 must be in their sixth semester of collegiate study and on the accelerated health information management to M.S. health data science track and submit a letter of interest to the Health Information Management Program.
- Students will substitute designated graduate health data science courses for undergraduate health information management courses in the seventh and eighth semesters.

- In the eighth semester, students will apply to the M.S. in health data science program.
- 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.

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<tr>
<th>Course</th>
<th>Year One</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Fall</td>
<td></td>
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<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>
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<tr>
<td>CORE 1000</td>
<td>Ignite First Year Seminar</td>
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<td>CORE 1500</td>
<td>Cura Personalis 1: Self in Community</td>
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<tr>
<td>HSCI 1000</td>
<td>Introduction to Health Sciences</td>
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<tr>
<td>MATH 1200</td>
<td>College Algebra</td>
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<td>XXXX</td>
<td>Core Elective</td>
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<tr>
<td>Fall</td>
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<tr>
<td>CORE 1700</td>
<td>Ultimate Questions: Philosophy</td>
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<tr>
<td>CORE 2500</td>
<td>Cura Personalis 2: Self in Contemplation</td>
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<td>HIM 3000</td>
<td>Health Information Management Concepts and Practice</td>
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<td>HSCI 2000</td>
<td>The US Health Care System</td>
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<td>HSCI 2200</td>
<td>Medical Terminology</td>
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<tr>
<td>STAT 1300</td>
<td>Elementary Statistics with Computers (satisfies CORE 3200)</td>
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<td><strong>Credits</strong></td>
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<tr>
<td>BTM 2000</td>
<td>Introduction to Business Technology Management</td>
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<td>CMM 1200</td>
<td>Public Speaking (satisfies CORE 1200)</td>
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<td>CORE 2800</td>
<td>Eloquentia Perfecta 3: Creative Expression</td>
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<td>HSCI 2100</td>
<td>Health Care Management</td>
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<td>HSCI 2500</td>
<td>Human Development across the Lifespan</td>
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<td><strong>14-15</strong></td>
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### 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  1
- HSCI 3700  Research Methods (satisfies CORE 4000)  3
- **Credits**  **16**

#### 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 (satisfies CORE 4500)  2
- HSCI 3400  Anatomy and Physiology Lecture II  4
- & HSCI 3410  Anatomy & Physiology II Lab  1
- **Credits**  **16**

### 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
- **Credits**  **15**

#### 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**

#### Summer
- HDS 5960  Capstone Experience  3
- **Credits**  **3**

### 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**

**Total Credits**  **139-140**

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**Contact Us**

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

**Contact Doisy College of Health Sciences:**

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