HEALTH CARE INFORMATICS, MS/LIBRARY AND INFORMATION SCIENCE, MLIS

In collaboration with several other academic units at UW-Milwaukee, SOIS offers students the opportunity to obtain two Master’s degrees concurrently—one in Library and Information Science (MLIS) and one in a subject area.

**Degree Requirements**
- The number of degree credits needed for each of the coordinated programs is usually 12 fewer than the sum of the two programs if they were not taken simultaneously. All degree requirements of each component must be satisfied.
- The MLIS portion of the coordinated degrees can be completed online.
- Prerequisite to the award of either degree in this program is the simultaneous award of its counterpart degree.

**MLIS Component**
The Master of Library and Information Science (MLIS) component of each of the coordinated programs includes 30 credits of SOIS courses. These include the MLIS core courses (12 credits). The remaining 18 MLIS credits are selected from the School’s offerings in accordance with the student’s goals in the coordinated degree program.

**MLIS/MS Health Care Informatics**
The MLIS/MS Health Care Informatics Coordinated Degree Program is designed to provide students with theoretical and practical exposure to the evolving field of healthcare informatics as practiced in hospitals, clinics, professional offices, corporations, the government, the insurance industry, and higher education.

**Admission Requirements**
**Application Deadlines**
Application deadlines vary by program, please review the application deadline chart (http://uw.edu/graduateschool/program-deadlines) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (https://uw.edu/onestop/dates-and-deadlines).

**Admission**
Students are admitted to both graduate programs separately and admission requirements (http://uw.edu/graduateschool/admission) are consistent with those specified by the UWM Graduate School, the Department of Healthcare Informatics, and the MLIS program (http://uw.edu/graduateschool/library-information-science) of the School of Information Studies.

**Credit and Courses**
Students accepted into this MS/MLIS program complete the following courses:

### Healthcare Informatics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCA 700</td>
<td>Introduction to Health Care Informatics</td>
<td>2</td>
</tr>
<tr>
<td>BUS ADM 740</td>
<td>Information Technology Management Concepts and Languages</td>
<td>3</td>
</tr>
<tr>
<td>or BUS ADM 813</td>
<td>Object-Oriented and Visual Paradigms</td>
<td></td>
</tr>
<tr>
<td>BUS ADM 747</td>
<td>Service-Oriented Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>or HCA 541</td>
<td>Healthcare Information Systems Analysis and Design</td>
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Select one of the following:
- BUS ADM 749 | Data and Information Management | 3 |
- COMPSCI 557 | Introduction to Database Systems |     |
- COMPSCI 757 | Data Base Organization and File Structure | |
- HCA 542 | Healthcare Database Design and Management | |
- BUS ADM 748 | Managing Information Technology Projects | 3 |

Select one of the following:
- BUS ADM 741 | Web Mining and Analytics | 3 |
- BUS ADM 814 | Enterprise Knowledge & Semantic Management | |
- COMPSCI 720 | Computational Models of Decision Making | |
- HCA 744 | Text Retrieval and Its Applications in Biomedicine (pending) | |

Select one of the following:
- COMPSCI 520 | Computer Networks | |
- INFOST 710 | Comparative Bibliography | |
- HCA 721 | Health Information Technology Procurement | 3 |
- HCA 723 | Health Care Systems Applications - Administrative and Clinical | 3 |
- HCA 890 | Health Care Informatics Research and Thesis | 3 |
- or HCA 891 | Health Care Informatics Professional Project | |

**Total Credits**
29

### Library and Information Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>INFOST 501</td>
<td>Foundations of Library and Information Science</td>
<td>3</td>
</tr>
<tr>
<td>INFOST 511</td>
<td>Organization of Information</td>
<td>3</td>
</tr>
<tr>
<td>INFOST 571</td>
<td>Information Access and Retrieval</td>
<td>3</td>
</tr>
<tr>
<td>INFOST 799</td>
<td>Research Methods in Information Studies (Culminating experience for the degree)</td>
<td>3</td>
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### Electives
Select at least four of the following:
- INFOST 521 | Introduction to Reference Services and Resources | 3 |
- INFOST 661 | Information Ethics | 3 |
- INFOST 714 | Metadata | 3 |
INFOST 791  Topics in Library and Information Science:  1-3

INFOST 835  Information Sources and Services in the Health Sciences  3

Other Elective
Select 3 credits  3

Total Credits  40-45

Students also must pass a comprehensive examination, or submit and successfully defend a thesis. The thesis option requires additional credits.

- Minimum Credits for MS: 29
- Minimum MLIS Credits: 27
- Minimum Total Credits for the Program: 56

The credits for the coordinated program would typically be completed in both programs at the same time, rather than one program after the other. A student not completing the requirements for the coordinated degree program would need to complete all requirements for an individual program in order to receive a degree.

Important
You must refer to the catalog pages of both individual master's programs to ensure that you meet all requirements for both degrees.

Program Requirements
Time Limit
Students in the coordinated MS/MLIS degree program must complete all degree requirements within seven years of the first enrollment semester as a degree student.