### Specialization in Organization of Information & Materials (MSIS)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Highly Recommended</th>
<th>Recommended Courses</th>
<th>Application Areas (Students may choose to select one or more relevant courses from target environments of interest)</th>
</tr>
</thead>
</table>
| 500 Human Information Interactions  
509 Information Retrieval  
520 Organization of Information  
523 Database Systems I  
560 Programming  
581 Research Methods Overview  
582 Systems Analysis and Design  
585 Management for Information Professionals  
781 Proposal Preparation and Presentation (1.5 credits)  
992 Masters Paper | 523 Database Systems I  
613 Text Mining  
623 Database Systems II  
720 Metadata Architectures and Applications  
795 Professional Field Experience | 512 Applications of Natural Language Processing  
620 Web Information Organization  
723 Database Systems III  
757 Principles and Practices of Archival Description  
760 Web Databases | 706 Biomedical Informatics Research Review  
708 Law Libraries and Legal Information  
740 Digital Libraries: Principles and Applications  
747 Special Libraries and Knowledge Management  
748 Health Sciences Environment  
841 Seminar in Academic Libraries |

Note: Students are encouraged to review the courses offered as INLS 690 or INLS 890 (special topics) each semester, as some of these courses may be relevant to this specialization.