**Medical Library and Information Sciences**

### **PhD in Medical Library and Information Science**

This is an interdisciplinary program by nature making use of social sciences, health sciences, and information technology where applicable to health libraries. The program prepares students for careers in research, education, and professional practice in healthcare libraries, university libraries and other related centers.

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Coursework and research activities address topics including scientometrics, health information literacy, health information seeking behavior, application of IT in health libraries, and collection, organization, preservation, and dissemination of health information resources.

**Core Courses**

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| **Course list** | **Credits/ hours** |
| ‍‍Information-seeking Behavior and Information Needs | 2 |
| Libraries and Information Centers Planning and Evaluation | 2 |
| Information Retrieval Systems | 2 |
| Database Management Systems | 2 |
| Research Seminar in Medical Library and Information Sciences | 2 |
| Health Information Management | 2 |
| Communication Sciences | 2 |
| Information Economy | 2 |
| Practicum | 2 |
| Dissertation | 20 |

**Prerequisite Courses (Required)**

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| **Course list** | **Credit/hours** |
| Application of Information Technology in Medical Information Systems | 2 |
| Economics of Healthcare | 2 |
| Indexing and Abstracting | 2 |
| Medical Cataloging and Classification | 3 |
| Information Storage and Retrieval | 3 |

**Non-Core Courses (Elective)**

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| **Course list** | **Credits/ hours** |
| Health care management systems | 2 |
| Medical information systems | 2 |
| Statistics for medical library and information sciences | 2 |
| Educational planning and management | 2 |