DUAL DEGREE PROGRAMS

The Graduate College approves proposals for dual degree programs. A dual degree allows a student to receive master’s degrees in two departments. The programs may be designed for a specific student or established by agreement between departments. For such programs, the Graduate College requires a minimum of 18 courses or 54 credit hours, including a minimum of 27 hours in each department or school. Students should consult with an adviser about options for a dual master’s degree. The Master of Library and Information Studies/Master of Arts in History of Science, Technology and Medicine program is an example of a dual degree program established by a department and the School of Library and Information Studies. Students must be admitted to both degrees before twelve hours are completed in one or the other.

Master of Library and Information Studies/Master of Arts in History of Science, Technology and Medicine (M.L.I.S./M.A.)

The purpose of this program is to provide a course of study for those individuals planning for a career in librarianship as a science librarian, as a curator of a rare book and manuscript collection in the history of science/health sciences, or as a public historian or archivist in the history of science.

Students must apply to and be accepted by each department. Dual degree students work with a joint advising committee made up of members of both units. They meet the requirements for the master’s degree in each department, including the comprehensive master’s degree examination or the master’s thesis (a portfolio is a third option for the MLIS degree). Language proficiency, usually in French, German, or Latin, is required in the History of Science Department.

The total course load requirement is 18 courses or 54 credit hours (a minimum of 27 hours in each department). Twenty-seven History of Science hours are required for the non-thesis option in History of Science, Technology and Medicine. The thesis option for the M.A. requires 29 hours in the History of Science department. Students may choose to write a thesis in the History of Science Department and/or the School of Library and Information Studies if they wish.

Students must simultaneously apply for graduation for both degrees. Both degrees must be completed before either is awarded.
THE AMERICAN LIBRARY ASSOCIATION (ALA) ACCREDITED
MASTER OF LIBRARY AND INFORMATION STUDIES
DEGREE REQUIREMENTS (27 HOURS)

Required Courses, 18 hours; six courses:

LIS 5033 Information and Knowledge Society
LIS 5023 Management of Information and Knowledge Organizations (pre/corequisite 5033)
LIS 5043 Organization of Information and Knowledge Resources (pre/corequisite 5033)
LIS 5053 Information Users in the Knowledge Society (pre/corequisite 5033)
LIS 5063 Information and Communication Technology (pre/corequisite 5033)
LIS 5713 Research Methods OR LIS 5733 Evaluation Methods (pre/corequisite 5033)

Electives, 9 hours; three additional courses selected from the following courses, or from
appropriate courses in other units under adviser’s guidance (thesis students may count a maximum
of 6 hours of thesis credit toward the degree):

Management of Libraries and Information Centers
LIS 5223 Information Technology Management (prerequisites: LIS 5033, LIS 5023, LIS 5063)
LIS 5243 Academic Library Administration (prerequisites: LIS 5033, LIS 5023)
LIS 5253 Community Relations and Advocacy (prerequisites: LIS 5033, LIS 5023)
LIS 5263 Organizational Learning and Learning Organizations (prerequisites: LIS 5033, LIS 5023)
LIS 5273 Public Library Administration (prerequisites: LIS 5033, LIS 5023)
LIS 5283 School Library Center Administration (prerequisites: LIS 5033, LIS 5023)
LIS 5293 Special Library and Information Center Administration (prerequisites: LIS 5033, LIS 5023)

Organization of Information
LIS 5403 Cataloging and Classification (prerequisites: LIS 5033, LIS 5043)
LIS 5413 Indexing and Abstracting (prerequisites: LIS 5033, LIS 5043)
LIS 5443 Collection Development and Management (prerequisites: LIS 5033, LIS 5043)
LIS 5453 Digital Collections (prerequisites: LIS 5033, LIS 5043, LIS 5063)
LIS 5473 Document and Records Management (prerequisites: LIS 5033, LIS 5043)

Archival Studies
LIS 5343 Archival Concepts and Traditions (prerequisite: LIS 5033)
LIS 5463 Archival Representation and Use (prerequisite: LIS 5033, LIS 5043, LIS 5343)
LIS 5563 Archival Appraisal (prerequisites: LIS 5033, LIS 5053, LIS 5343)
LIS 5653 Preservation of Information Materials (prerequisites: LIS 5033)
LIS 5990 Archival Arrangement and Description (prerequisite: LIS 5033, LIS 5043, LIS 5343)

User Services
LIS 5123 Literature and Methods for Readers’ Advisory Services (prerequisites: LIS 5033, LIS 5053)
LIS 5133 Biomedical Bibliography and Reference Materials (prerequisite: LIS 5033)
LIS 5143 Government Information (prerequisite: LIS 5033)
LIS 5163 Biomedical Databases (prerequisite: LIS 5133)
LIS 5173 Multicultural Librarianship (prerequisite: LIS 5033)
LIS 5183 Books and Materials for Children (prerequisite: LIS 5033)
LIS 5193 Books and Materials for Young Adults (prerequisite: LIS 5033)
LIS 5503 Information Literacy and Instruction (prerequisites: LIS 5033, LIS 5053)
LIS 5513 Information Sources and Services (prerequisites: LIS 5033, LIS 5053)
LIS 5523 Online Information Retrieval (prerequisites: LIS 5033, LIS 5053)
LIS 5533 Introduction to Instructional Technology (cross-listed with EIPT 5533)
LIS 5553 Competitive Intelligence (prerequisites: LIS 5033, LIS 5053)

**Information Technology**

LIS 5633 Design and Implementation of Web-based Information Services (prerequisite: LIS 5033)
LIS 5683 Database Design for Information Organizations (prerequisite: LIS 5033)

**Independent Projects in Library and Information Studies**

LIS 5823 Internship in Library/Information Centers (prerequisite: 18 hours of LIS coursework, including one-half of the required courses, permission of the supervising instructor)
LIS 5920 Directed Research (1-3 hours) (prerequisite: LIS 5713)
LIS 5940 Directed Project (1-3 hours) (prerequisite: 24 hours of LIS coursework and permission of instructor and adviser)
LIS 5960 Directed Readings (1-3 hours) (prerequisite: 15 hours of LIS coursework and permission of instructor and adviser)
LIS 5970 Special Topics/Seminar (1-3 hours)
LIS 5980 Research for Master’s Thesis (2-6 hours)
LIS 5990 Special Problems (1-3 hours)

**End of Program Assessment Options:** in addition to course requirements, the Graduate College requires all candidates for an advanced degree to complete an end of program assessment. For the MLIS, the School offers three options:

1. Comprehensive examination
2. Thesis
3. Portfolio

**HISTORY OF SCIENCE, TECHNOLOGY AND MEDICINE DEGREE REQUIREMENTS**
(Thesis Option: 27 hours; Non-Thesis Option: 29 hours)

**Required Courses, Thesis and Non-Thesis Options (21 hours)**

HSCI 5970 Seminar in Research, Criticism, & Analysis 6 hours
HSCI 5990 Special Studies/Graduate Survey in History of Science 6 hours
HSCI 5513 Advanced Studies in the History of Ancient and Medieval Science 3 hours
HSCI 5523 Advanced Studies in the History of Renaissance and Early Modern Science 3 hours
HSCI 5533 Advanced Studies in the History of Modern Science 3 hours

**Elective Courses and Thesis Hours (where applicable):**

*Thesis Option (6 hours):*
Electives (one course selected from the following options): 3 hours

- HSCI 5550 Topics in the History of Science
- HSCI 5960 Directed Readings in the History of Science
- Other approved course outside the department (e.g., History)

Thesis 3 hours

- HSCI 5980 Research for Master’s Thesis

*Non-Thesis Option (8 hours):*
Electives (courses selected from the following options): 8 hours

- HSCI 5550 Topics in the History of Science
- HSCI 5960 Directed Readings in the History of Science
- Other approved course outside the department (e.g., History)

In addition to course requirements, the Graduate College requires all candidates for an advanced degree to complete an end of program assessment. For the History of Science, Technology and Medicine degree, the Department requires the thesis (thesis option) or the portfolio and the comprehensive exam (non-thesis option).

**History of Science Department**
601 Elm Street, Room 625
Norman, Oklahoma 73019-0315
(405) 325-2213
e-mail: pweldon@ou.edu

**School of Library and Information Studies**
401 West Brooks, Room 120
Norman, Oklahoma 73019-6032
(405) 325-3921
e-mail: mryan@ou.edu