

PROGRAM PLANNING GUIDE FOR Information Technology

The purpose of this program planning guide is to suggest courses available in the School of Library and Information Studies or in other departments at the University of Oklahoma that would support an emphasis on preparation for a career in *Information Technology*. It is not intended as a checklist or a list of requirements for a focus in this area, nor is it intended to be a comprehensive listing of every course that might be appropriate for an individual student who wishes to emphasize this area. This guide should be used in consultation with your adviser to determine which courses would best serve your career goals, taking into account your previous education and experience. This guide is intended primarily for students who *do not* elect the thesis option. Students electing the thesis option will need to consider additional requirements and constraints when planning their programs.

The courses listed are grouped by level and by category. Those courses in the Required level must be included on your Program Plan. For the courses in the Guided Electives level, you must select one from each category, in order to meet the requirements of the MLIS Program Planning Form. For the remainder of the courses needed for your degree, you may select additional courses from the General Electives level or from the level on other University of Oklahoma departments. Courses not already taken as Guided Electives may be taken as General Electives.

REQUIRED

LIS 5033 Information and Knowledge Society
LIS 5023 Management of Information and Knowledge Organizations
LIS 5043 Organization of Information and Knowledge Resources
LIS 5053 Information Users in the Knowledge Society

GUIDED ELECTIVES

Learning Organizations and Organizational Culture (Prerequisites: LIS 5033, LIS 5023)

LIS 5253 Community Relations and Advocacy

or

LIS 5263 Organizational Learning and Learning Organizations

Information Technology (Corequisite: LIS 5033)

LIS 5643 Knowledge Representation

or

LIS 5653 Preservation of Information Materials

Content Management (Prerequisites: LIS 5033, LIS 5043)

LIS 5433 Design and Implementation of Web-based Information Services

or

LIS 5473 Document and Records Management

Access to Knowledge Structures (Prerequisites: LIS 5033, LIS 5053)

LIS 5513 Information Sources and Services

or

LIS 5523 Online Information Retrieval

Research, Production, and Evaluation (Prerequisites: LIS 5033, LIS 5023, LIS 5043, LIS 5053)

LIS 5713 Research Methods

GENERAL ELECTIVES *(Prerequisite: LIS 5033 unless otherwise indicated)*

Choose three from the following (if not already taken as a guided elective):

LIS 5403 Cataloging and Classification *(Prerequisite: LIS 5033, LIS 5043)*

LIS 5413 Indexing and Abstracting *(Prerequisite: LIS 5033, LIS 5043)*

LIS 5423 Archives *(Prerequisite: LIS 5033, LIS 5043)*

LIS 5143 Government Publications

LIS 5823 Internship

OTHER UNIVERSITY OF OKLAHOMA DEPARTMENT ELECTIVES

EIPT 5533 Instructional Technology

HR 5073 Creative Problem Solving

IE 5263 Introduction to Expert Systems

IE 5813 Information Ergonomics

IE 6853 Human Factors in Computer Systems

ODYN 5172 Technology and Organizations

ODYN 5133 Teams and Motivation

ODYN 5353 Global Business Practices

TCOM 5213 Network Design and Management