Report on a scan of *i*School curricula for "SIS 2000"-like courses and/or required overview/core courses
Ellen Detlefsen
11 November 2010
*Data is from the links on the individual *i*School websites as found at http://www.ischools.org/*

----

10 of the 28 *i*Schools have something that resembles a "SIS 2000" foundations/overview/intro/core course required of all their master's degree students.

University of California, Berkeley School of Information:
- MIMS degree [Master of Information Management and Systems]
- no apparent *i*School-wide overview course

University of California, Irvine, Donald Bren School of Information and Computer Sciences
- MS degree [5 tracks: General; Interactive and Collaborative Technology; Software; Ubiquitous Computing; Networked Systems]
- individual core requirements for different tracks, no apparent *i*School-wide overview course

University of California, Los Angeles, Graduate School of Education & Information Studies, Department of Information Studies
- MLIS degree
- 36 credits
- 1 course required of all master's students

- **REQUIRED CORE/INTRO COURSE:** GSEIS 200. Information in Society. *Examination of processes by which information and knowledge are created, integrated, disseminated, organized, used, and preserved. Topics include history of communication technologies, evolution of literacy, development of information professions, and social issues related to information access.*

Carnegie Mellon University School of Information Systems & Management (Heinz College)
- MSISPM (Information Security Policy and Management)
- MISM (Information Systems Management)
- MSIT (Information Technology)
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

Drexel University College of Information Science & Technology:
- MS
- MSIS
- MSEE
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

University College Dublin, School of Information and Library Studies
- MLIS
- MLitt (Information Studies)
- MA (Information Studies)
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

Florida State University, School of Library & Information Studies
- MLIS
- no apparent *i*School-wide overview course

Georgia Institute of Technology, College of Computing
- MS Computer Science
- MS Information Security
- MS Bioengineering
- MS Human-Computer Interaction
- MS Computational Science & Engineering
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

==Humboldt-Universität zu Berlin, Berlin School of Library and Information Science[1]==
- Master's in MLIS
- <u>2 courses required of all master's students</u>

- **REQUIRED CORE/INTRO COURSE:** Modul MP1: Informationswirtschaft, Informationsmärkte *(Information economics & info markets)*

AND

- **REQUIRED CORE/INTRO COURSE:** Modul MP2: Digitale Bibliotheken *(Digital libraries)*

==University of Illinois, Graduate School of Library and Information Science==
- MS degree
- <u>2 courses required of all master's students</u>

- **REQUIRED CORE/INTRO COURSE:** LIS 501: Information Organization and Access. *Emphasizes information organization and access in settings and systems of different kinds. Traces the information transfer process from the generation of knowledge through its storage and use in both print and non-print formats. Consideration will be given to the creation of information systems: the principles and practice of selection and preservation, methods of organizing information for retrieval and display, the operation of organizations that provide information services, and the information service needs of various user communities.*

AND

- **REQUIRED CORE/INTRO COURSE:** LIS 502: Libraries, Information, and Society. *Explores major issues in the library and information science professions as they involve their communities of users and sponsors. Analyzes specific situations that reflect the professional agenda of these fields, including intellectual freedom, community service, professional ethics, social responsibilities, intellectual property, literacy, historical and international models, the socio-cultural role of libraries and information agencies and professionalism in general, focusing in particular on the interrelationships among these issues.*

Indiana University, School of Informatics and Computing
- MS (Bioinformatics)
- MS (Cheminformatics)
- MS (Human-Computer Interaction-Design)
- MS (Music Informatics)
- MS (Security Informatics)
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

Indiana University, School of Library and Information Science
- MIS
- MLS
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

University of Maryland, College of Information Studies
- MIM (Master of Information Management)
- MLS
- HCIM (MS in Human-Computer Interaction)
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

University of Maryland, Baltimore County, Department of Information Systems
- MS in Information Systems
- MS in HCC (Human-Centered Computing)
- individual core requirements for multiple degrees, no apparent *i*School-wide overview course

University of Michigan, School of Information
- MSI Archives and Records Management (ARM)
- MSI Community Informatics (CI)
- MSI Human-Computer Interaction (HCI)
- MSI Information Analysis and Retrieval (IAR)
- MSI Incentive Economics for Management (IEM)
- MSI Information Policy (IPOL)
- MSI Library and Information Services (LIS)
- MSI Preservation of Information (PI)
- MSI Social Computing (SC)
- 2 courses required of all master's students

- **REQUIRED CORE/INTRO COURSE:** SI 500: Information in Social Systems: Collecting Flows and Processing. *The core properties of information, of people, and of technologies, create constrains and opportunities for analysis, design and management. This course introduces students to those core properties and their implications. In addition, the course introduces a perspective on the central responsibilities of professionals who "bring information, people and technology together in more valuable ways."*

AND

- **REQUIRED CORE/INTRO COURSE:** SI 501: Contextual Inquiry and Project Management. *This course addresses a fundamental need of information professionals: how to examine an organization's current information use in the context of work practice and discover and recommend improved ways of working. This is a projects based course. All projects are scoped to allow students to examine how information influences actions in some process or service within an organization and to develop and practice relevant skills.*

University of North Carolina—Chapel Hill, School of Information and Library Science
- MLIS
- MSIS
- 3 courses required of all master's students

- **REQUIRED CORE/INTRO COURSE:** INLS 500 Human Information Interactions. *The behavioral and cognitive activities of those who interact with information, with emphasis on the role of information mediators. How information needs are recognized and resolved; use and dissemination of information.*

AND

- **REQUIRED CORE/INTRO COURSE:** INLS 780 Research Methods. *An introduction to research methods used in library and information science. Includes the writing of a research proposal.*

AND

- **REQUIRED CORE/INTRO COURSE:** INLS 585 Management for Information Professionals. *An introduction to general management principles and practices intended for information professionals working in all types of organizations. Topics include planning, budgeting, organizational theory, staffing, leadership, organizational change, and decision making*

University of North Texas, College of Information

- MS with majors in information science and library science
- <u>3 courses required of all master's students</u>

- **REQUIRED CORE/INTRO COURSE:** SLIS 5000. Introduction to Information Professions. *History, roles and scope of the information professions. Basic concepts and issues including impact of information technology on the individual, intellectual freedom, privacy and diversity. Course activities emphasizing team building and leadership skills*

AND

- **REQUIRED CORE/INTRO COURSE:** SLIS 5200 Introduction to Information Organization *Principles, concepts and practices of information organization and presentation. Concepts and problems of human information behavior, classification and categorization related to information organization. Database technology, structure and design. Standards for information organization, data representation and information exchange. Systems for organizing information and facilitating information access in various information use environments.*

AND

- **REQUIRED CORE/INTRO COURSE:** SLIS 5600 Introduction to Information Access and Retrieval *Epistemological foundations of information use. Basic principles and techniques of information retrieval and access services. Survey of research in information seeking behavior and user interaction. Introduction to systems of access, search and retrieval skills, and collection management. Study of evaluation methods for all formats of resources, services and user satisfaction.*

The Pennsylvania State University, College of Information Sciences and Technology

- Master of Professional Studies in Information Sciences
- no apparent *iSchool*-wide overview course

University of Pittsburgh, School of Information Sciences

- MLIS
- MSIS
- MST (Telecommunications)
- individual core requirements for multiple degrees, no apparent *iSchool*-wide overview course

Royal School of Library and Information Science, Denmark

- MLISc (Master in Library and Information Science)
- no apparent *iSchool*-wide overview course

Rutgers, the State University of New Jersey, School of Communication and Information

- MLIS
- MCIS (Master of Communication and Information Studies)
- individual core requirements for multiple degrees, no apparent *iSchool*-wide overview course

University of Sheffield, England, Information School

- MA in Librarianship
- MSc in Information Management
- MSc in Information Systems
- MSc in Information Systems Management

- MA in Information Literacy
- MSc in Electronic and Digital Library Management
- MSc in Health Informatics
- MA in Multilingual Information Management
- individual core requirements for multiple degrees, no apparent *iSchool*-wide overview course

Singapore Management University, School of Information Systems
- MSc in Information Systems
- Master of IT in Business
- individual core requirements for multiple degrees, no apparent *iSchool*-wide overview course

Syracuse University, School of Information Studies
- Master of Science in Information Management
- Master of Science in Information Management for Executives
- Master of Science in Library and Information Science
- Master of Science in Telecommunications and Network Management
- 1 course required of all master's students **[1 credit]**

- **REQUIRED CORE/INTRO COURSE:** IST 601 Information and Information Environments. *Provides an overview of the field and an orientation to the School of Information Studies. Describes the past, present, and future of information studies. A one-credit, two-day course normally taken as the student's first course.*

University of Texas, Austin, School of Information
- MSIS - Master of Science in Information Studies
- 1 course required of all master's students

- **REQUIRED CORE/INTRO COURSE:** INF 180J - Introduction to Information Studies. *Overview of the field of information studies, including library science, information science, archives and records, preservation and conservation of materials, and communications and technology as applied to the work of information professionals.*

University of Toronto, Faculty of Information
- Master of Information
- Master of Museum Studies
- 1 course required of all master's students

- **REQUIRED CORE/INTRO COURSE:** INF 1001H Knowledge and Information in Society *This course provides an introduction to the ways that information and information processes shape and are shaped by society. In particular, it examines the social, institutional, political, legal, and economic roles of information and knowledge in public life, including how forms of new media, new distribution channels and new delivery systems are affecting traditional means of creating and disseminating information. We also discuss changes that stem from developments in the information environment at the individual, organizational and societal level. Focal issues include: the politics, ethics, and values of information; information as an economic phenomenon; the institutional structure of knowledge and cultural production; and the role of information professionals in all of these activities. The intent is to provide opportunity for students to: •take a thematic approach to understanding the nature and role of information in both private and public spheres; •create a contextual framework within which to analyze the major social issues and developments associated with information creation, dissemination and use; and •consider the various perspectives that characterize current policy discussions on those issues as well as alternative interpretations to conventional wisdom.*

University of Washington, Information School

- Master of Library & Information Science
- Master of Science in Information Management
- individual core requirements for multiple degrees, no apparent *iSchool*-wide overview course

Wuhan University, China, School of Information Management[2]

- MS Library Science
- MS Information Science
- MS Archives
- MS E-Commerce
- MS E-Publishing
- MS Information Management & Engineering
- 3 courses required of all master's students

- **REQUIRED CORE/INTRO COURSES:** courses on Programming; Databases; Networking

_____