iSchool Concentrations: I'm an iSchool masters student - How do I decide which classes to take?

**STEP 1:** All students should complete 601 and 602 in their first year. All students must take 603 before graduating.

The following are recommendations by concentration area/emphasis. They are not requirements, and students should mix and match.

Total credits requirement: 39

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**Library**

- 632 Metadata & XML, 635 Reference, 639 Pedagogy, 655 Collections Mgmt, 661 Info Ethics, 755 Elec Resource Mgmt,

**Archives**

- SAA recommends: 734 Intro Archives, 818 Appraisal, 875 Arrangement & Desc
- Also: 640 Systems Analysis/Proj Mgmt, 678 Preservation, 616 E-Records, leadership

**UX & Information Technology**

- UX & IT: 639 Pedagogy, 640 Systems Analysis & Project Mgmt, 661 Info Ethics,

**“DIA” Data/Information Management & Analytics**

- Data/Info Mgmt/Analytics (DIA): 603 first year; 640 Sys Analysis/Proj Mgmt, 632 Metadata, 661 Info Ethics, Dig Hum Analytics, Info Viz

**Info and Data Organization**

- Org: 632 Metadata & XML, Linked data, 651 Cataloging

**Public Library**

- 645 Intellectual Freedom, 642 Reading Interests; DiverPops, 517 Dig Health; 755 ERM

**Youth**

- 622 Childrens Lit, 629 Multicultural Lit, 631 Young Adult Lit, 772 Services to C&YA

**Academic Library**

- 722 College & Research Libraries, Diverse Pops, 620 Teaching & Learning Section

**STEM/Data:** 1 credit STEM lib, choose electives from data/info/ analytics

**Policy/Law:** 645 Intl Freedom, 663 Cyberlaw, Privacy & Surveillance and courses from DIA concentration

*Digital Archives:
- Take more tech electives

*Public History:
- 712 Public Libraries, 490 Folklore

*Digital Asset Mgmt:
- 668 Digital Curation, 632 Metadata, 751 database

* Museums:
- C&I museum exhibit design, Museum Studies I

*Info Org:
- 632 Metadata & XML, Linked Data, 651 Cataloging, 751 Database

*User Experience Design:
- Info Arch, User Interaction Design & Assessment 2nd year, CS HCI class, C&I museum exhibit design, Design Thinking in Human Ecology

*IT Training/Academic Technologies:
- 639 Pedagogy, 620 Teaching & Learning Section

*Analytics:
- 677 Data Viz, Dig Humanities Analytics, 803 Computational Research Meth, 1 semester stats from outside iSchool, LIS 500, or other coding class

*Info/Data Mgmt:
- Any Info Org specialization classes; also Dig Cur & Collections; Dig Hum Analytics; Records/Info Governance, LIS 500 or other coding class (PHP, Python) R workshops

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Most iSchool tier t courses are applicable to any concentration. 600 level classes are the most accessible, 700 are more challenging, but still open to beginners. See other side for a complete list of Tier T classes.

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* indicates not all courses available online
Tier T courses, most entry level listed first

Most entry level:

- LIS 644 Digital Tools, Trends & Debates: common technology systems and how they work and their societal impacts
- LIS 646 Information Architecture: HTML, CSS, design basics, navigation design
- LIS 668 Digital Libraries/Digital Collections & Curation: digital library software, preservation standards, metadata

More challenging, but no prior knowledge or coursework required

- LIS 500 Code and Power (mixed grad/undergrad): PHP web coding
- LIS 751 Database Design: conceptual design, SQL and PHP forms
- LIS 768 Digital Humanities & Analytics: visualizations, Python, manipulating data
- CS 301 Intro to Data Programming (campus only)

Other iSchool Electives by Interest Area

Diversity/Social Justice/Community Engagement/Values

- 500 Code & Power (tier t)
- 640 TLAM (Tribal Libraries, Archives & Museums)
- 661 Information Ethics & Policy
- 640 Services to Diverse Populations
- 820 Community Engagement

Leadership/Change Management

- Leadership class (1 credit)
- 654 Management
- 640 Systems Analysis & Project Management
- Business School Certificate in Innovation/Org Change (campus only)
- UW Madison Leadership Certificate (available online)

History/Print Culture

- 569 History of American Librarianship
- 650 History of Books & Print Culture (campus only)

Information Policy

- 460 Privacy, Surveillance & Police Powers (campus only)
- 661 Information Ethics & Policy
- 663 Intro to Cyberlaw (campus only)
- 645 Intellectual Freedom

Special programs with additional course requirements:

- Certificate in Innovation/Org Change with UW School of Business (campus only)
- UW Madison Leadership Certificate
- School library media certification (Wisconsin only)
- Law double degree (campus students only)
- Art history double degree (campus only) [855 Art Librarianship]
- Music double degree (campus only) [619 Music Research Methods]