

Libraries and School of Information Studies

Overview

The Libraries and School of Information Studies' exemplary teaching, research, and engagement advances the understanding of how information is used by individuals, communities, institutions, and societies. Making giant leaps—ground-breaking technologies, life sustaining drugs, disease detection and treatment, efficient agriculture and food systems—requires the pioneering use of information and data. Libraries offers transformative teaching and high-impact, experiential learning that catalyzes students' imaginative leadership. Libraries empowers students to confront global challenges and solve multi-faceted problems by expanding upon their disciplinary knowledge with the ability to innovatively use information and data.

Department: Information Studies

Information Studies offers undergraduate and graduate courses, two graduate certificates, and one undergraduate certificate. The undergraduate courses advance learning in three specific areas of information studies:

- Research and Information Studies
- Data, Information, and Society
- Data Foundations, Tools, and Applications

Undergraduate and graduate courses cover several information-focused topics, including archival literacy, data management and curation, digital humanities, information and data literacies, geographic information systems (GIS), systematic reviews, information ethics, and undergraduate research. Also offered are undergraduate and graduate certificates in Digital Humanities (DH) that are co-sponsored by the College of Liberal Arts, and a graduate certificate in Geospatial Information Science (GIS) in collaboration with seven colleges at Purdue University.

Contact Us

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[Faculty](#)

Courses and Certificates

Courses

Information & Library Science (ILS)

AY 2022-2023		
ILS 10300	Intro Data Lifecycle Mgmt	Introduction To Data Lifecycle Management
ILS 17500	Information Strategies for HTM	Information Strategies For Hospitality & Tourism Management
ILS 18000	Preparing For UG Research Expr	Preparing For Your Undergraduate Research Experience
ILS 23000	Data Science & Society ELSI	Data Science And Society: Ethical Legal Social Issues
ILS 28000	Understand Undergrad Resrch I	Understanding Your Undergraduate Research Experience I
ILS 29000	AI Data Scien Stds I-Honors	Independent Study In Information Sciences
ILS 29000	Art Survey Research Project	Independent Study In Information Sciences
ILS 29000	Tech& Mis/Disinfomation-Honors	Independent Study In Information Sciences
ILS 29500	Intro of Research Essentials	Special Topics In Information And Data Science
ILS 29500	Introduction To GIS	Special Topics In Information And Data Science
ILS 38000	Understanding UG Res Exp II	Understanding Your Undergraduate Research Experience II
ILS 48000	Beyond Undergraduate Research	Beyond Undergraduate Research
ILS 49000	AI Data Scien Stds II-Honors	Independent Study In Information Sciences
ILS 49000	Diplomacy & Dis/Misinformation	Independent Study In Information Science
ILS 49000	Research in Bioinformatics	Independent Study In Information Science
ILS 49500	Info Skills Hlth Science Profs	Special Topics In Information And Data Science
ILS 49500	Research Peer Mentorship	Special Topics In Information And Data Science
ILS 49500	Research Peer Mentor Training	Special Topics In Information And Data Science
ILS 49500	Rsrch Methods Rare Bks-Honors	Special Topics In Information And Data Science
ILS 51200	Info Strategies For STE	Information Strategies For Science, Technology, And Engineering Research
ILS 59000	Business GIS	Independent Study In Information Sciences
ILS 59000	Digital Humanities Capstone	Independent Study In Information Sciences
ILS 59000	GIS Capstone Experience	Independent Study In Information Sciences
ILS 59000	Intro To Network Analysis	Independent Study In Information Sciences
ILS 59000	Knowledge Lab Research	Independent Study In Information Sciences
ILS 59000	Spec Collections Librarianship	Independent Study In Information Sciences
ILS 59500	Geo Data Sci With ArcGIS&Pyth	Special Topics In Information And Data Science
ILS 59500	GIS Capstone Experience	Special Topics In Information And Data Science
ILS 59500	GIS Research Methods	Special Topics In Information And Data Science
ILS 59500	Intro Sys Rev Health Sciences	Special Topics In Information And Data Science

ILS 59500	Intro to Biological Info	Introduction to Biological Information
ILS 63000	Digital Humanities Foundations	Digital Humanities Foundations
ILS 69000	Research in Bioinformatics	Independent Study In Information Science
ILS 69000	Systematic Review Ind Study	Independent Study In Information Science
ILS 69500	Computational Text Analysis	Special Topics In Information And Data Science

Undergraduate Certificate

Digital Humanities Certificate (DH): An interdisciplinary field of study that applies technological tools and computational methods to the study of cultural, historical, and literary objects. The 15-credit plan of study consists of two required courses: IDIS 20100, Introduction to Digital Humanities and IDIS 49000, Directed Reading in Interdisciplinary Studies—Capstone, as well as 9 credit hours from courses selected from four topical areas: Culture and Society; Digital Literacy; Programming; and Visualization.

[Go to more information about this certificate](#)

Note: ILS 17500 Information Strategies For Hospitality & Tourism Management meets Purdue's [core curriculum](#) information literacy foundational outcome.

Graduate Certificates

Digital Humanities Certificate (DH): An interdisciplinary field of study that applies technological tools and computational methods to the study of cultural, historical, and literary objects. This 12-credit graduate certificate combines coursework from the College of Liberal Arts and the School of Information Studies. The plan of study consists of two required courses: ILS 630: Digital Humanities Foundations, ILS 595: Independent Study-Digital Humanities Capstone Experience, and six additional credits from a select list of College of Liberal Arts and the School of Information Studies courses.

[Go to more information about this certificate](#)

Geospatial Information Science (GIS): A system that creates, analyzes, and maps all types of data enabling the identification of patterns and relationships. This graduate certificate offers courses from the School of Information Studies and seven other colleges at Purdue. The 12-credit plan of study consists of taking 3-credit courses in each of four different categories: 1) introductory, 2) advanced topics, 3) application, and 4) a project-based capstone experience.

[Go to more information about this certificate](#)