

Interdisciplinary Information Science PhD Program Health Informatics Concentration

About the Program

The University of North Texas Interdisciplinary Information Science PhD Program (or IIS PhD Program) responds to the varied and changing needs of the information age, therefore offering the Health Informatics Concentration. This concentration is being offered with contributions from multiple UNT departments and colleges with the ultimate goal of providing interdisciplinary education, research, and professional services in health informatics. The Health Informatics concentration will prepare individuals to conduct research on the critical issues in health informatics and related areas. The concentration focuses on the intersection between information science, healthcare, and technology. There is a great need for a health care workforce that possesses the skills and competencies that this concentration provides. Graduates will be able to work in health care as well as health information management settings.

About Faculty

Please visit our website (<http://lis.unt.edu/faculty>) to see the wide range of research interests of our faculty members along with their contact information.

Application Process

There are two steps to the application process for the Interdisciplinary Information Science PhD Program.

1. Apply to the University of North Texas Toulouse Graduate School: <http://tsgs.unt.edu/future-students/graduate-admissions>.
2. Apply to the Interdisciplinary Information Science PhD Program: https://lis.unt.edu/sites/default/files/IIS_PhD_Admission&Application_EFORM.pdf and indicate that you are applying for the Health Informatics concentration. In addition to your application, the following materials must be submitted for evaluation:
 - a. Personal Statement (500 word minimum)
 - b. Curriculum Vita/ Resume
 - c. Formal Writing Sample (you must be the sole author of the document)
 - d. Three Letters of Recommendation
 - e. GRE Scores
 - f. Funding Source/ Sponsor Letter (if applicable)
3. Submit all application materials via
 - a. Email to CI-IISPhD@unt.edu (electronic submissions are encouraged)
 - b. Mail to:
IIS PhD Program Office: Admissions
University of North Texas
College of Information- Department of Library and information Sciences
1155 Union Circle #311068
Denton, Texas 76203-5017
 - c. Or Fax to (940) 369-7898

For More information regarding the admissions process, please visit: <https://lis.unt.edu/phd-admission-criteria>.

Please Note: We only allow students to start in the fall semester. You cannot apply to start in the spring or summer. Applications are due November 1st for admission in the fall of the following year. Admissions decisions are announced in January.

Admissions Criteria

As mandated by the State of Texas, all applications are evaluated under the rubric of "holistic review". This means that deficiency in one element of an application does not necessarily disqualify an applicant from being admitted to a program.

Funding

There is funding available through the Department of Library and Information Science in the forms of the Tuition Benefit Program, stipends and other opportunities (found here: <http://lis.unt.edu/financial-assistance>). Please contact us for details on how to apply for funding during the application process.

Course Requirements

Students enrolled in the Health Informatics Concentration will take courses from four blocks of courses:

1. Information Science Core Area (12 graduate credit hours)

INFO 6945 Doctoral Seminar in Information Issues
INFO 6000 Seminar in Information Science
INFO 6700 Seminar in Communication and Use of Information
INFO 6660 Readings in Information Science

2. Research Courses (minimum of 24 graduate credit hours, including doctoral dissertation hours)

INFO 6940 Inquiry and Research Design
Quantitative Research Methods/ Statistics (6 graduate credit hours in consultation with advisor)
Qualitative Research Methods (3 graduate credit hours in consultation with advisor)
Doctoral Dissertation Hours (minimum of 12 credit hours of INFO 6950 to be completed after passing the qualifying examination)

3. Health informatics Concentration Core (12 graduate credit hours)

INFO 5637 Health Informatics
INFO 5307 Knowledge Management, Tools and Technologies
INFO 6220 Information Retrieval Theory
ANTH 5201 Medical Anthropology

4. Health Informatics Concentration Electives (a minimum of 12 graduate credit hours; the following is a partial list. Other relevant courses may be used upon departmental approval).

INFO 5960 Medical Digital Imaging
INFO 5707 Data Modeling for Information Professionals (or CSCE 5350 Database Systems)
INFO 5305 System Analysis (or BCIS 5120 Information Systems Development)
ANTH 5210 Anthropology of Public Health
BCIS 5420 Foundations of Database Management Systems
COMM 5226 Seminar in Health Communication
CSCE 5380 Data Mining
CSCE 5270 Computer-Human Interfaces (or CECS 5310 Human-Computer Interaction)
CSCE 5810 Biocomputing
CSCE 5820 Computational Epidemiology (or BIOL 5820 Computational Epidemiology)
CSCE 6810 Advanced Topics in Computational Life Sciences (or BIOL 6810)
ECON 5180 Economics of Health Care
GEOG 5140 Medical Geography
GEOG 5580 Health GIS
SOCL 5400 Health Delivery Systems
SOCL 5420 Introduction to Health Services Research

Contact Us

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