

HEALTH INFORMATICS

The Health Informatics program prepares students to use Information Systems and Health Information Technology (HIT) to design, evaluate, adopt, and apply technology-based innovations in healthcare delivery, management, and research. Study will include aspects of data acquisition, storage, retrieval, and use of health information to meet the demands of current healthcare issues through innovative and entrepreneurial strategies.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Health Informatics
- Health Informatics Certificate
- Professional Science Master

ABOUT THE PROGRAM

Students will be able to articulate the various types of healthcare organizations and ways that HIT is incorporated to solve problems in multidisciplinary real-life settings. Courses will help students develop collaborative team skills, project management, and leadership skills, along with the technical knowledge needed for data-informed decision-making.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Patient Care
- Data Collection
- Data Analysis
- Technical Support
- Training Programs
- Health Information Management

CAREERS

- Health Informatics Specialists
- Clinical Informatics Analysts
- Public Health Informatics Specialist
- Clinical Informatics Manager/Director
- Bioinformatic Scientist
- Biostatistician

EMPLOYERS

- AKASA
- Veda
- Navina
- Canvas Medical
- MedOrion
- NexHealth

INSPIRED ACTION



EMPLOYMENT RATE

95.8%
of program graduates begin their careers within one year of graduation.

link.mnsu.edu/graduate-follow-up

MEDIAN SALARY

\$62,990

The median annual wage for Health Information Technologists and Medical Registrars in May 2023.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Health Information Technologists and Medical Registrars, at link.mnsu.edu/health-informatics-salary

PROGRAM WEBSITE



cset.mnsu.edu/healthinformatics

SAMPLE FOUR-YEAR PLAN - HEALTH INFORMATICS, BS

First Year (Fall)	First Year (Spring)
ENG 101 Foundations of Writing & Rhetoric (4) MATH 115 Precalculus Mathematics (4) GEOG 103 Introductory Cultural Geography (3) CIS 113 Health Humanities and Health Informatics (4)	CIS 121 Introduction to Programming (4) HLTH 101 Health and the Environment (3) COMM 100 Fundamentals of Communication (3) Other Graduation Requirements Course (3)
Second Year (Fall)	Second Year (Spring)
CIS 123 Applied Programming for Healthcare Professionals (4) CIS 340 Introduction to Database Systems (4) BIOL 220 Human Anatomy (4) ENG 271W Technical Communication (4)	CHEM 111 Chemistry of Life Process Part II (Organic & Biochemistry) (5) CIS 350 Information Security (4) STAT 154 Elementary Statistics (4) PHIL 120W Introduction to Ethics (3)
Third Year (Fall)	Third Year (Spring)
CIS 380 Systems Analysis and Design (4) BIOL 270 Microbiology (4) PSYC 101 Introduction to Psychological Science (4) NURS 366 Quality, Safety and Informatics in Healthcare (2) CIS 496 Selected Topics in Information Technology (1)	BIOL 330 Principles of Human Physiology (4) NURS 286 Relationship-Based Care (3) CIS 482 Human Computer Interaction (4) NURS 445 Legal and Ethical Issues in Health Informatics (4)
Fourth Year (Fall)	Fourth Year (Spring)
CIS 443 Health Information Technology in Clinical Practice (4) CIS 440 Database Management Systems (4) NURS 282 Pathophysiology for Healthcare Professionals (3) GEOG 373 Introduction to Geography Information Systems (4)	NURS 444 Healthcare Innovation and Entrepreneurship (4) CIS 444 Data Analytics (4) NURS 284 Pharmacology for Healthcare Professionals (3) CIS 495 Seminar in Information Technology (1)

For more information about program requirements, visit:

mnsu.edu/academics/academic-catalog

LEARN MORE

Department of Computer Information Science

273 Wissink Hall
507-389-1412

NOTES
