

BACHELOR OF SCIENCE IN HEALTH INFORMATICS (HEALTH STUDIES MINOR)

Web Site: <https://twu.edu/informatics/undergraduate-programs/>

Degree Requirements

Total Semester Credit Hours (SCH): 120

Major: 43 SCH Minor: 18 SCH

Program Code: INFOHLTH.BS.HLTH; CIP Code: 51.2706.00

Texas Core Curriculum

Code	Title	SCHs
ENG 1013	Composition I	3
ENG 1023	Composition II	3
Mathematics		3
Life & Physical Sciences		6
Language, Philosophy, & Culture		3
Creative Arts		3
HIST 1013	History of the United States, 1492-1865	3
HIST 1023	History of the United States, 1865 to the Present	3
POLS 2013	U.S. National Government	3
POLS 2023	Texas Government	3
Social & Behavioral Sciences		3
CAO: Women's Studies		3
CAO: First Year Seminar, Wellness or Mathematics		3
Total SCHs		42

Courses Required for Major

Code	Title	SCHs
CSCI 1423 & CSCI 1421	Programming Fundamentals I and Programming Fundamentals I - Laboratory	4
CSCI 1513	Introduction to Informatics	3
CSCI 2493	Programming Fundamentals II	3
CSCI 3053	Data Structures	3
CSCI 3423	Database Management	3
CSCI 3513	Information Systems Project Management	3
CSCI 3603	Foundations of Data Science	3
CSCI 4313	Networking and Data Communication	3
HS 3033	Medical Terminology	3
HS 3383	Legal and Ethical Issues in Health Informatics	3
LS 3053	Interdisciplinary Information Retrieval	3
MATH 1713	Elementary Statistics II	3
NURS 2213	Introduction to Health Informatics	3
HS 4923	Capstone in Interprofessional Informatics	3
Total SCHs		43

Courses Required for Minor

Code	Title	SCHs
Select 18 SCH from the following (approved by advisor)		18
HS 3133	Perspectives on Women's Health	
HS 3403	Environmental Health and Safety Education	
HS 3413	Epidemiology	
HS 3433	Current Trends in Population Health and Health Informatics	
HS 4563	Overview of Public Health Surveillance	
HS 4573	Occupational Risk Assessment	
HS 4743	Needs Assessment, Planning, and Evaluation for Health Professionals	

Total SCHs 18

Departmental Requirements

Code	Title	SCHs
MATH 1703	Elementary Statistics I (may be applied from core)	3
Elective (to include 3 SCH global perspectives)		15
Total SCHs		18