

BACHELOR OF SCIENCE IN HEALTH INFORMATICS (HEALTH STUDIES MINOR)

Total Semester Credit Hours (sch): 120
Major: 42 sch Minor: 18 sch
INFOHLTH.BS CIP Code: 51.2706.00

Degree Requirements

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
GOV 2013	U.S. National Government	3
GOV 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 1513	Introduction to Informatics	3
CSCI 1423	Programming Fundamentals I	3
CSCI 2493	Programming Fundamentals II	3
CSCI 3013	Applied Computational Thinking	3
CSCI 3053	Data Structures	3
CSCI 3423	Database Management	3
CSCI 4313	Networking and Data Communication	3
MATH 1713	Elementary Statistics II	3
NURS 2213	Introduction to Health Informatics	3
NURS 2313	Advanced Health Informatics	3
LS 3053	Interdisciplinary Information Retrieval	3
CSCI 3513	Information Systems Project Management	3
HS 3383	Legal and Ethical Issues in Health Informatics	3
HS 4923	Capstone in Interprofessional Informatics	3
Total SCHs		42

Courses Required for Minor (18 hours, approved by advisor)

Code	Title	SCHs
HS 3033	Medical Terminology	3
HS 3133	Perspectives on Women's Health	3
HS 3403	Environmental Health and Safety Education	3

HS 3413	Epidemiology	3
HS 3433	Current Trends in Population Health and Health Informatics	3
HS 4563	Overview of Public Health Surveillance	3
HS 4573	Occupational Risk Assessments	3
HS 4743	Needs Assessment, Planning, and Evaluation for Health Professionals	3

Electives

Code	Title	SCHs
MATH 1703	Elementary Statistics I (may be applied from core)	3
Electives (3 sch global perspectives)		15
Total SCHs		18

Plan of Study

First Year

Fall	TCCN	SCHs	
ENG 1013	Composition I	ENGL 1301	3
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
CSCI 1421	Programming Fundamentals I - Laboratory		1
CSCI 1513	Introduction to Informatics		3
MATH 1703 (Recommended Core Math)	Elementary Statistics I	MATH 1342	3
CSCI 1423	Programming Fundamentals I	COSC 1436	3
UNIV 1231	Learning Frameworks: The First Year Experience	EDUC 1100, EDUC 1200, EDUC 1300	1
SCHs		17	

Spring

Spring	TCCN	SCHs	
ENG 1023	Composition II	ENGL 1302	3
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
CSCI 2493	Programming Fundamentals II	COSC 1437	3
Creative Arts Core			3
MATH 1713	Elementary Statistics II		3
SCHs		15	

Second Year

Fall	TCCN	SCHs	
GOV 2013	U.S. National Government	GOVT 2305	3
CSCI 3053	Data Structures		3

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CSCI 3423	Database Management		3	Spring	TCCN	
Life/Physical Sciences Core			3	Minor Course (Upper Level)		3
NURS 2213	Introduction to Health Informatics		3	Elective (Upper Level)		3
				HS 4923	Capstone in Interprofessional Informatics	3
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	SCHs		15	Elective (Upper Level)		3
Spring		TCCN		Elective		1
GOV 2023	Texas Government	GOVT 2306	3	<hr/>		
					SCHs	13
CSCI 3013	Applied Computational Thinking		3	<hr/>		
					Total SCHs:	120
Life/Physical Sciences Core			3	(GP) Satisfies global perspectives graduation requirement.		
NURS 2313	Advanced Health Informatics		3			
MATH 1013 (Recommended Core CAO)	Financial and Quantitative Literacy	MATH 1332	3			
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	SCHs		15			
Third Year						
Fall		TCCN				
CSCI 3513	Information Systems Project Management		3			
LS 3053	Interdisciplinary Information Retrieval		3			
Multicultural Women's Studies (CAO) Core			3			
Minor Course			3			
Social & Behavioral Science Core			3			
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	SCHs		15			
Spring		TCCN				
HS 3383	Legal and Ethical Issues in Health Informatics		3			
Minor Course			3			
PHIL 1023 (Language, Philosophy, Culture Core)	Introduction to Philosophy	PHIL 1301	3			
Minor Course			3			
Elective (GP)			3			
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	SCHs		15			
Fourth Year						
Fall		TCCN				
CSCI 4313	Networking and Data Communication		3			
Minor Course			3			
Minor Course (Upper Level)			3			
Elective (Upper Level)			3			
Elective			3			
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	SCHs		15			