

# BACHELOR OF SCIENCE IN HEALTH INFORMATICS (CLINICAL APPLICATIONS 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
<b>Total SCHs</b>		<b>42</b>

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
NURS 4923	Capstone in Interprofessional Informatics	3
<b>Total SCHs</b>		<b>42</b>

Courses Required for Minor

Code	Title	SCHs
NURS 3213	Business Analysis of Health-Generated Data	3
NURS 3223	Internet Resources for Health Promotion	3

NURS 4113	Applications and Devices for Health Promotion	3
NURS 4213	Interface Design in Health Informatics	3
NURS 4313	Telecommunications/Networking for Remote Management	3
NURS 4723	Applied Statistics in Healthcare Informatics	3
<b>Total SCHs</b>		<b>18</b>

Electives

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

## Plan of Study

**First Year**

Fall	TCCN	SCHs
ENG 1013	ENGL 1301	3
HIST 1013	HIST 1301	3
CSCI 1421	Programming Fundamentals I - Laboratory	1
Mathematics (MATH 1703 recommended core)		3
CSCI 1513	Introduction to Informatics	3
CSCI 1423	Programming Fundamentals I	3
UNIV 1231	Learning Frameworks: The First Year Experience	1
<b>SCHs</b>		<b>17</b>

**Spring**

TCCN	SCHs	
ENG 1023	ENGL 1302	3
HIST 1023	HIST 1302	3
CSCI 2493	Programming Fundamentals II	3
Creative Arts Core		3
MATH 1713	Elementary Statistics II	3
<b>SCHs</b>	<b>15</b>	

**Second Year**

Fall	TCCN	SCHs
GOV 2013	GOVT 2305	3
CSCI 3053	Data Structures	3
CSCI 3423	Database Management	3

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