

FOUNDATIONAL SKILLS REQUIREMENTS (39-42 hours)

Bachelor of Science in Informatics

Healthcare Informatics Cognate

2023-2024 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2023 through summer 2024. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates.

GENERAL EDUCATION/

Course	NAL SKILLS REQUIREMENTS (Hrs	Sem	Grade	Course		<u>Hrs</u>	Sem	Grad
Communication	on & Information Literacy (12 hour	s) ¹			Major Foun	dational Courses (3-9 hours)			
ENGL 101	Composition & Rhetoric	3			BUSI 201	Intermediate Business Computer Apps. ³	3		
	Communications Elective	3			BUSI 230	Introduction to Probability & Statistics ³	3		
	Information Literacy Elective	3			BUSI 240	Organizational Behavior & Management ³	3		
	Information Literacy Elective	3							
					MAJOR				
Technological Solutions & Quantitative Reasoning (3-6 hours) ¹						Core (46 hours)			
UNIV 104	Instructional Tech. for Online Learning	0-3			ACCT 211	Financial Principles	3		
MATH	Math Elective (MATH 114 or higher)	3			BUSI 390	Busi. Common Professional Component	3		
					CSIS 100	Intro. to Information Sciences & Systems	3		
Critical Think	ing (7 hours) ¹				CSIS 208	Application Programming	3		
RLGN 104	Christian Life & Biblical Worldview ²	4			CSIS 310	Web Architecture & Development	3		
	Critical Thinking Elective	3			CSIS 320	IS Hardware & Software	3		
					CSIS 325	Database Management Systems	3		
Civic & Globa	l Engagement (3 hours) ¹				CSIS 330	Business Data Communication Systems	3		
	Cultural Studies Elective	3			CSIS 340	Studies in Information Security	3		
					CSIS 351	System Analysis & Design	3		
Social & Scientific Inquiry (6 hours) ¹			CSIS 375	Intro. to Human-Computer Interactions	3				
	Natural Science Elective	3			ECON 214	Principles of Macroeconomics	3		
	Social Science Elective	3			HLTH 221	Applied Human Anatomy & Physiology I	3		
					INFO 305	Quality Mgmt. & Decision Support	3		
Christianity & Contexts (8 hours) ¹			INFO 405	Informatics Information Systems	3				
BIBL 104	Survey of Old & New Testament	4			NURS 105	Medical Terminology	1		
THEO 104	Introduction to Theology Survey ²	4							
						Cognate (12 hours)			
					INFO 310	Foundations of Pharmacology	3		
					INFO 320	Healthcare Informatics	3		
					INFO 321	Healthcare Coding & Classification	3		
					INFO 410	Healthcare Enterprise Systems	3		
						1			
					FREE ELECTIVES (11-20 hours) ⁴				
							_		
							_		-
						<u> </u>	_		
							_		

Graduation Requirements

- 120 Total Hours
- 2.0 Overall grade point average
- 30 Hours must be upper-level courses (300-400 level)
- Grade of 'C' Minimum required for all upper-level courses in the major
 - 25% Of major and cognate taken through Liberty University
 - 30 Hours must be completed through Liberty University

Grad App Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Notes

All applicable prerequisites must be met

¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

²Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 waived

³Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁴Internship (maximum 6 hours) is strongly recommended

Suggested Course Sequence on second page

Revised: 03.08.2023 Effective: Catalog Term 2023-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
BIBL 104	4	BUSI 201	3
ENGL 101	3	THEO 104	4
UNIV 104	0-3	Information Literacy Elective ¹	3
Communications Elective ¹	3	Math Elective ¹ [BUSI 230]	3
CSIS 100	<u>3</u>	Natural Science Elective ¹	<u>3</u>
	Total 13-16	Tot	al 16
	SOPHOMO	RE YEAR	
Information Literacy Elective ¹	3	RLGN 104	4
ACCT 211	3	Critical Thinking Elective ¹	3
HLTH 221	3	Social Sciences Elective ¹ [BUSI 240]	3
INFO 305	3	CSIS 208	3
NURS 105	1	INFO 310	<u>3</u>
	Total 13	Total	
	JUNIOR	YEAR	
CSIS 320	3	Cultural Studies Elective ¹	3
CSIS 325	3	CSIS 351	3
CSIS 330	3	ECON 214	3
INFO 320	3	INFO 321	3
Elective	<u>3</u>	Elective	<u>3</u>
	Total 15	Tot	al 15
	SENIOR	YEAR	
BUSI 390	3	CSIS 310	3
CSIS 340	3	CSIS 375	3
INFO 405	3	INFO 410	3
Elective	3	Elective	3
Elective	<u>2</u>	Elective	3
	Total 14	Total	

Notes

¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

Revised: 01.30.2023 Effective: Catalog Term 2023-40