

# **Bachelor of Science in Informatics**

Healthcare Informatics Cognate

2018-2019 Degree Completion Plan

**Important:** This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. 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/**

ommunica VGL 101	tion (6 hours) <sup>1</sup> Composition & Rhetoric						(
	· · · · · · · · · · · · · · · · · · ·			Maior Foun	dational Courses (3-9 hours) <sup>3</sup>		
		3		BUSI 201	Intermediate Business Computer Apps.	3	
	Communications Elective	3	<u> </u>	BUSI 230	Introduction to Probability & Statistics	3	
			 	BUSI 240	Organizational Behavior I	3	
ath, Science	ce & Technology (6-9 hours) <sup>1</sup>				•		
ATH	Math Elective (MATH 114 or higher)	3	 	<b>MAJOR</b>			
	Natural Science Elective	3	 		Core (46 hours)		
UNIV 104	Instructional Tech. for Online Learning	0-3	 	ACCT 211	Financial Accounting	3	 _
				BUSI 390	Busi. Common Professional Component	3	 _
Information Literacy (6 hours) <sup>1</sup>				CSIS 100	Intro. to Information Sciences & Systems	3	 
	Composition Elective	3		CSIS 208	Application Programming	3	_
	Information Literacy Elective	3	 	CSIS 310	Web Architecture & Development	3	 _
				CSIS 320	IS Hardware & Software	3	
Critical Thinking (9 hours) <sup>1</sup>				CSIS 325	Database Management Systems	3	 _
	Literature OR Philosophy Elective	3	 	CSIS 330	Business Data Communication Systems	3	
	Social Science Elective	3	 	CSIS 340	Studies in Information Security	3	 _
	Cultural Studies Elective	3	 	CSIS 351	System Analysis & Design	3	 _
				CSIS 375	Intro. to Human-Computer Interactions	3	 _
Christian Life & Thought (12 hours) <sup>1,2</sup>				ECON 214	Principles of Macroeconomics	3	 _
BL 104	Survey of Old & New Testament	4	 	HLTH 221	Applied Human Anatomy & Physiology I	3	 _
GN 104	Christian Life & Biblical Worldview	4	 	INFO 305	Quality Mgmt. & Decision Support	3	 _
THEO 104	Introduction to Theology Survey	4	 	INFO 405	Informatics Information Systems	3	 _
				NURS 105	Medical Terminology	1	 _
					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	 _
				FREE ELECTIVES (11-20 hours) <sup>4</sup>			
						_	 _
						_	 _
						_	 _

#### 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

50% Of major and cognate taken through Liberty University

30 Hours must be completed through Liberty University

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

### Notes

All applicable prerequisites must be met

<sup>1</sup>Refer to the list of approved general education electives at <a href="www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in core competency requirements

<sup>2</sup>Students 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

<sup>3</sup>Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable

<sup>4</sup>Internship (maximum 6 hours) is strongly recommended

Suggested Course Sequence on second page

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# 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	Communications Elective <sup>1</sup>		3									
Information Literacy Elective <sup>1</sup>		3	Math Elective <sup>1</sup> [BUSI 230]		3									
CSIS 100		<u>3</u>	Natural Science Elective <sup>1</sup>		3									
	Total	13-16		Total	16									
SOPHOMORE YEAR														
Composition Elective <sup>1</sup>	501	3	RLGN 104		4									
ACCT 211		3	Literature/Philosophy Elective <sup>1</sup>		3									
HLTH 221		3	Social Sciences Elective <sup>1</sup> [BUSI 240]	1	3									
INFO 305		3	CSIS 208	,	3									
NURS 105		1	INFO 310		3									
	Total	13		Total	_									
JUNIOR YEAR														
CSIS 320	J	3	Cultural Studies Elective <sup>1</sup>		3									
CSIS 325		3	CSIS 351		3									
CSIS 330		3	ECON 214		3									
INFO 320		3	INFO 321		3									
Elective		3	Elective		<u>3</u>									
	Total	_	2.000.0	Total	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		<u>3</u>									
	Total	14		Total	12									

Notes

1 Refer to the list of approved general education electives at <a href="www.liberty.edu/gened">www.liberty.edu/gened</a> before enrolling in core competency requirements

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