

INFORMATICS (B.S.) - HEALTHCARE INFORMATICS – RESIDENT

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. 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/Foundational Skills Requirements

Code	Title	Hours
Communication & Information Literacy ¹		
ENGL 101	Composition and Rhetoric	3
	Communications Elective	3
	Information Literacy Elective	3
	Information Literacy Elective	3
Technological Solutions & Quantitative Reasoning ¹		
UNIV 101	Foundational Skills	1
	Math Elective MATH 114 or higher	3
	Technology Competency ²	0-3
Critical Thinking ¹		
RLGN 105	Introduction to Biblical Worldview ³	2
	Critical Thinking Elective	3
Civic & Global Engagement ¹		
EVAN 101	Evangelism and the Christian Life ³	2
	Cultural Studies Elective	3
Social & Scientific Inquiry ¹		
	Natural Science Elective	3
	Social Science Elective	3
Christianity & Contexts ¹		
BIBL 105	Old Testament Survey	2
BIBL 110	New Testament Survey	2
THEO 201	Theology Survey I ³	2
THEO 202	Theology Survey II ³	2
Total Hours		40-43

¹ Refer to the list of approved general education electives before enrolling in foundational skill requirements

² All students must pass the Computer Assessment OR complete applicable INFT course

³ Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 and EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 and THEO 202 waived

Major Requirements

Code	Title	Hours
Major Foundational Courses		
BUSI 201	Intermediate Business Computer Applications ¹	3
BUSI 230	Introduction to Probability and Statistics ¹	3

Code	Title	Hours
BUSI 240	Organizational Behavior and Management ¹	3
Total Hours		9

¹ Course may fulfill select general education requirements.

Code	Title	Hours
Major Core		
ACCT 211	Financial Principles	3
BIOL 102	Principles of Human Biology	3
BUSI 390	Business Common Professional Components	3
CSIS 100	Introduction to Information Sciences and Systems	3
CSIS 208	Application Programming	3
CSIS 310	Web Programming	3
CSIS 320	IS Hardware and Software	3
CSIS 325	Database Management Systems	3
CSIS 330	Business Data Communication Systems	3
CSIS 340	Studies in Information Security	3
CSIS 351	System Analysis and Design	3
CSIS 375	Introduction to Human-Computer Interaction	3
ECON 214	Principles of Macroeconomics	3
INFO 305	Quality Management and Decision Support	3
INFO 405	Informatics Information Systems	3
NURS 105	Medical Terminology	1
Total Hours		46

Code	Title	Hours
Cognate		
INFO 310	Foundations of Pharmacology	3
INFO 320	Healthcare Informatics	3
INFO 321	Healthcare Coding and Classification	3
INFO 410	Healthcare Enterprise Systems	3
Total Hours		12

Code	Title	Hours
Free Electives		
Choose 6-15 credit hours of Free Electives ¹		6-15
Total Hours		6-15

¹ Internship (maximum 6 hours) is strongly recommended

All applicable prerequisites must be met

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

- **CSER** All requirements must be satisfied before a degree will be awarded

Course Sequence

Course	Title	Hours
First Year		
First Semester		
BIBL 105	Old Testament Survey	2
ENGL 101	Composition and Rhetoric	3
INQR 101	Inquiry	1
UNIV 101	Foundational Skills	1
Communications Elective ¹		3
Technology Competency ²		0-3
BIOL 102	Principles of Human Biology	3
CSER		0
Hours		13-16
Second Semester		
BIBL 110	New Testament Survey	2
RLGN 105	Introduction to Biblical Worldview	2
Information Literacy Elective ¹		3
Math Elective (BUSI 230) ¹		3
Social Science Elective (BUSI 240) ¹		3
CSIS 100	Introduction to Information Systems and Information Technology	3
NURS 105	Medical Terminology	1
CSER		0
Hours		17
Second Year		
First Semester		
THEO 201	Theology Survey I	2
BUSI 201	Intermediate Business Computer Applications	3
Cultural Studies Elective ¹		3
Information Literacy Elective ¹		3
Natural Science Elective ¹		3
ACCT 211	Financial Principles	3
CSER		0
Hours		17
Second Semester		
RSCH 201	Research	3
THEO 202	Theology Survey II	2
Critical Thinking Elective		3
CSIS 340	Studies in Information Security	3
ECON 214	Principles of Macroeconomics	3
CSER		0
Hours		14
Third Year		
First Semester		
EVAN 101	Evangelism and the Christian Life	2
CSIS 208	Application Programming	3
CSIS 320	IS Hardware and Software	3
INFO 305	Quality Management and Decision Support	3

Course	Title	Hours
INFO 310	Foundations of Pharmacology	3
CSER		0
Hours		14
Second Semester		
CSIS 310	Web Programming	3
CSIS 325	Database Management Systems	3
CSIS 330	Business Data Communication Systems	3
INFO 320	Healthcare Informatics	3
Elective		3
CSER		0
Hours		15
Fourth Year		
First Semester		
BUSI 390	Business Common Professional Components	3
INFO 321	Healthcare Coding and Classification	3
INFO 405	Informatics Information Systems	3
Elective		3
Elective		3
CSER		0
Hours		15
Second Semester		
CSIS 351	System Analysis and Design	3
CSIS 375	Introduction to Human-Computer Interaction	3
INFO 410	Healthcare Enterprise Systems	3
Elective		3
Elective		3
CSER		0
Hours		15
Total Hours		120-123

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

² All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information