

# INFORMATION SYSTEMS (B.S.) - DATABASE - RESIDENT

**Important:** This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. 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
<b>Communication &amp; Information Literacy</b> <sup>1</sup>		
ENGL 101	Composition and Rhetoric	3
INQR 101	Inquiry	1
Communications Elective		3
Information Literacy Elective		3
Information Literacy Elective		3
<b>Technological Solutions &amp; Quantitative Reasoning</b> <sup>1</sup>		
UNIV 101	Foundational Skills	1
Math Elective	MATH 114 or higher	3
Technology Competency <sup>2</sup>		0-3
<b>Critical Thinking</b> <sup>1</sup>		
RLGN 105	Introduction to Biblical Worldview <sup>3</sup>	2
RSCH 201	Research	3
Critical Thinking Elective		3
<b>Civic &amp; Global Engagement</b> <sup>1</sup>		
EVAN 101	Evangelism and the Christian Life <sup>3</sup>	2
Cultural Studies Elective		3
<b>Social &amp; Scientific Inquiry</b> <sup>1</sup>		
Natural Science Elective		3
Social Science Elective		3
<b>Christianity &amp; Contexts</b> <sup>1</sup>		
BIBL 105	Old Testament Survey	2
BIBL 110	New Testament Survey	2
THEO 201	Theology Survey I <sup>3</sup>	2
THEO 202	Theology Survey II <sup>3</sup>	2
<b>Total Hours</b>		<b>44-47</b>

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

<sup>2</sup> All students must pass the Computer Assessment OR complete applicable INFT course

<sup>3</sup> Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 Introduction to Biblical Worldview (2 c.h.) and EVAN 101 Evangelism and the Christian Life (2 c.h.) waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 Theology Survey I (2 c.h.) and THEO 202 Theology Survey II (2 c.h.) waived

## Major Requirements

Code	Title	Hours
<b>Major Foundational Courses</b>		
BUSI 201	Intermediate Business Computer Applications <sup>1</sup>	3
BUSI 230	Introduction to Probability and Statistics <sup>1</sup>	3
BUSI 240	Organizational Behavior & Management <sup>1</sup>	3
<b>Total Hours</b>		<b>9</b>

<sup>1</sup> Course may fulfill select general education requirements

Code	Title	Hours
<b>Major Core</b>		
ACCT 211	Financial Principles	3
ACCT 212	Managerial Principles	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3
CSIS 100	Introduction to Information Sciences and Systems	3
CSIS 110	Introduction to Computer Science	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 473	IS Project Management	3
CSIS 483	Information Systems Capstone	3
ECON 214	Principles of Macroeconomics	3
<b>Total Hours</b>		<b>48</b>

Code	Title	Hours
<b>Cognate</b>		
CSIS 212	Object-Oriented Programming	3
CSIS 327	Introduction to Oracle	3
CSIS 328	Advanced Oracle	3
CSIS 410	Web Enterprise Technologies	3
or CSIS 499	Internship	
<b>Total Hours</b>		<b>12</b>

Code	Title	Hours
<b>Free Electives</b>		
Choose 4-13 credit hours of Free Electives <sup>1</sup>		4-13
<b>Total Hours</b>		<b>4-13</b>

<sup>1</sup> 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

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