

Bachelor of Science in Information Technology

Application and Database Development Cognate

2024-2025 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. 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		Hrs	Sem	Grade	Course		Hrs	Sem	Grad
Communica	tion & Information Literacy (12 hou	rs) ¹			Major Foun	dational Courses (3-9 hours)			
ENGL 101	Composition & Rhetoric	3			BUSI 201	Intermediate Business Computer Apps.4	3		
	Communications Elective	3			BUSI 230	Introduction to Probability & Statistics ⁴	3		
	Information Literacy Elective	3			BUSI 240	Organizational Behavior & Management ⁴	3		
	Information Literacy Elective	3							
	•				MAJOR				
Technologic	al Solutions & Quantitative Reasonir	ng (4-7	hours)	1	·	Core (48 hours)			
UNIV 101	Foundational Skills	1			BUSI 390	Business Common Professional Comp.	3		
MATH	Math Elective (MATH 114 or higher)	3			CSIS 100	Intro. to Information Sciences & Systems	3		
	Technology Competency ²	0-3			CSIS 110	Introduction to Computer Science	3		
					CSIS 212	Object-Oriented Programming	3		
Critical Thi	nking (5 hours) ¹				CSIS 310	Web Architecture & Development	3		
RLGN 105	Intr Bwvw/Contemp Moral Issues ³	2			CSIS 312	Advanced Object-Oriented Programming	3		
	Critical Thinking Elective	3			CSIS 320	IS Hardware & Software	3		
	•				CSIS 325	Database Management Systems	3		
Civic & Global Engagement (5 hours) ¹				CSIS 330	Business Data Communication Systems	3			
EVAN 101	Evangelism & Christian Life ³	2			CSIS 340	Studies in Information Security ³	3		
	Cultural Studies Elective	3			CSIS 352	System Administration	3		
					CSIS 354	Integrative Programming & Technologies	3		
Social & Scientific Inquiry (6 hours) ¹					CSIS 375	Intro. to Human-Computer Interaction	3		
	Natural Science Elective	3			CSIS 474	Enterprise Systems & Integration	3		
	Social Science Elective	3			CSIS 484	Information Technology Capstone	3		
					ECON 214	Principles of Macroeconomics	3		
Christianity	& Contexts (8 hours) ¹					-			
BIBL 105	Old Testament Survey	2				Cognate (12 hours)			
BIBL 110	New Testament Survey	2			CSIS 209	C# Programming	3		
THEO 201	Theology Survey I ³	2			CSIS 327	Introduction to Oracle	3		
THEO 202	Theology Survey II ³	2	·	<u> </u>	CSIS 328	Advanced Oracle	3		
			·	<u> </u>	CSIS 410	Web Enterprise Technologies			
					<u>or</u> CSIS 499	Internship	3		
					FREE ELECTIVES (8-17 hours) ⁵				
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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

 ${\bf 30} \; {\bf Hours} \; {\bf must} \; {\bf be} \; {\bf completed} \; {\bf through} \; {\bf Liberty} \; {\bf University}$

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

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

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

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

⁴Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁵Internship (maximum 6 hours) is strongly recommended

be awarded Suggested Course Sequence on second page

Revised: 02.01.2024 Effective: Catalog Term 2024-40

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester			Second Semester											
BIBL 105		2	BIBL 110		2									
ENGL 101		3	RLGN 105		2									
UNIV 101		1	Communication Elective ¹		3									
Social Science Elective ¹ [BUSI 240]		3	Information Literacy Elective ¹		3									
Technology Competency ²		0-3	Math Elective ¹ [BUSI 230]		3									
CSIS 100		3	CSIS 110		3									
CSER		<u>0</u>	CSER		0									
	Total	12-15		Total	16									
SOPHOMORE YEAR														
THEO 201		2	EVAN 101		2									
Critical Thinking Elective ¹		3	THEO 202		2									
Information Literacy Elective ¹		3	Cultural Studies Elective ¹		3									
BUSI 201		3	CSIS 212		3									
ECON 214		3	CSIS 330		3									
CSER		<u>0</u>	CSER		0									
	Total	14		Total	13									
JUNIOR YEAR														
CSIS 209		3	CSIS 327		3									
CSIS 310		3	CSIS 328		3									
CSIS 312		3	CSIS 340		3									
CSIS 320		3	CSIS 352		3									
CSIS 325		3	CSIS 354		3									
CSER		<u>0</u>	CSER		0									
	Total	15		Total	15									
SENIOR YEAR														
Natural Science Elective ¹		3	CSIS 410 or 499		3									
BUSI 390		3	CSIS 484		3									
CSIS 375		3	Elective		3									
CSIS 474		3	Elective		3									
Elective		3	Elective		3									
Elective		1	CSER		0									
CSER		<u>0</u>		Total	15									
	Total	16												

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