LIBERTY UNIVERSITY

Bachelor of Science in Information Technology

Application and Database Development 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/ EQUINDATIONAL SKILLS DEOLIDEMENTS (44.47 h

Course	UNAL SKILLS REQUIREMENTS	Hrs	Sem	<u>I</u> Grade	Course		Hrs	Sem	Grade
Communicat	ion & Information Literacy (13 hou	$rs)^1$				dational Courses (3-9 hours)			
ENGL 101	Composition & Rhetoric	3			BUSI 201	Intermediate Business Computer Apps. ⁴	3		
INQR 101	Inquiry 101	1			BUSI 230	Introduction to Probability & Statistics ⁴	3		
	Communications Elective	3			BUSI 240	Organizational Behavior & Management ⁴	3		
	Information Literacy Elective	3							
	Information Literacy Elective	3			MAJOR				
						Core (48 hours)			
Technologica	l Solutions & Quantitative Reasonii	ng (4-7	hours	$)^1$	BUSI 390	Business Common Professional Comp.	3		
UNIV 101	Foundational Skills	1			CSIS 100	Intro. to Information Sciences & Systems	3		
MATH	Math Elective (MATH 114 or higher)	3			CSIS 110	Introduction to Computer Science	3		
	Technology Competency ²	0-3			CSIS 212	Object-Oriented Programming	3		
					CSIS 310	Web Architecture & Development	3		
Critical Thin	king (8 hours) ¹				CSIS 312	Advanced Object-Oriented Programming	3		
RLGN 105	Intr Bwvw/Contemp Moral Issues ³	2			CSIS 320	IS Hardware & Software	3		
RSCH 201	Research 201	3			CSIS 325	Database Management Systems	3		
	Critical Thinking Elective	3			CSIS 330	Business Data Communication Systems	3		
					CSIS 340	Studies in Information Security ³	3		
Civic & Glob	al Engagement (5 hours) ¹				CSIS 352	System Administration	3		
EVAN 101	Evangelism & Christian Life ³	2			CSIS 354	Integrative Programming & Technologies	3		
	Cultural Studies Elective	3			CSIS 375	Intro. to Human-Computer Interaction	3		
					CSIS 474	Enterprise Systems & Integration	3		
Social & Scie	ntific Inquiry (6 hours) ¹				CSIS 484	Information Technology Capstone	3		
	Natural Science Elective	3			ECON 214	Principles of Macroeconomics	3		
	Social Science Elective	3							
						Cognate (12 hours)			
Christianity of	& Contexts (8 hours) ¹				CSIS 209	C# Programming	3		
BIBL 105	Old Testament Survey	2			CSIS 327	Introduction to Oracle	3		
BIBL 110	New Testament Survey	2			CSIS 328	Advanced Oracle	3		
THEO 201	Theology Survey I ³	2			CSIS 410	Web Enterprise Technologies			
THEO 202	Theology Survey II ³	2			<u>or</u> CSIS 499	Internship	3		

FREE ELECTIVES (4-13 hours)⁵

	Notes All applicable prerequisites must be met ¹ Refer to the list of approved general educ
Graduation Requirements	enrolling in foundational skills requireme
120 Total Hours	² All students must pass the Computer Ass
2.0 Overall grade point average	refer to www.liberty.edu/computerassess
30 Hours must be upper-level courses (300-400 level)	³ Students transferring in 45 or more UG c
Grade of 'C' Minimum required for all upper-level courses in the major	105 & EVAN 101 waived; Students trans
25% Of major and cognate taken through Liberty University	have the requirements of THEO 201 & T
30 Hours must be completed through Liberty University	⁴ Courses may also fulfill select General E
Grad App Submission of Degree Completion Application must be completed	approved general education electives at w
within the last semester of a student's anticipated graduation date	⁵ Internship (maximum 6 hours) is strongly
CSER All requirements must be satisfied before a degree will be awarded	Suggested Course Sequence on second pa

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Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u> before enrolling in foundational skills requirements All students must pass the Computer Assessment OR complete applicable INFT course; refer to <u>www.liberty.edu/computerassessment</u> for more information Students 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 nave the requirements of THEO 201 & THEO 202 waived Courses may also fulfill select General Education Requirements. Please refer to the list of upproved general education electives at <u>www.liberty.edu/gened</u> internship (maximum 6 hours) is strongly recommended *uggested Course Sequence on second page*

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester		
BIBL 105	2	BIBL 110		2
ENGL 101	3	RLGN 105		2
INQR 101	1	Communication Elective ¹		3
UNIV 101	1	Information Literacy Elective ¹		3
Social Science Elective ¹ [BUSI 240]] 3	Math Elective ¹ [BUSI 230]		3
Technology Competency ²	0-3	CSIS 110		3
CSIS 100	3	CSER		<u>0</u>
CSER	<u>0</u>		Total	16
	Total 13-16			

SOPHOMORE YEAR

THEO 201	2	EVAN 101	2
Critical Thinking Elective ¹	3	RSCH 201	3
Information Literacy Elective ¹	3	THEO 202	2
BUSI 201	3	Cultural Studies Elective ¹	3
ECON 214	3	CSIS 212	3
CSER	<u>0</u>	CSIS 330	3
	Total 14	CSER	<u>0</u>

Total 14-17

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	<u>0</u>
	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	<u>0</u>
CSER	<u>0</u>		Total 15
	Total 16		

Notes

¹Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u> before enrolling in foundational skills requirements ²All students must pass the Computer Assessment OR complete applicable INFT course; refer to <u>www.liberty.edu/computerassessment</u> for more information