LIBERTY UNIVERSITY. ONLINE

Bachelor of Science in Information Technology
Application and Database Development 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/
CORE COMPETENCY REQUIREMENTS (39-42 hours)

Course		Hrs	Sem	Grade
Communication (6 hours)[1]				
ENGL 101	Composition & Rhetoric	3		
_____	Communications Elective	3		
Math, Science & Technology (6-9 hours)[1]				
MATH ____	Math Elective (MATH 114 or higher)	3		
_____	Natural Science Elective	3		
UNIV 104	Instructional Tech. for Online Learning	0-3		
Information Literacy (6 hours)[1]				
_____	Composition Elective	3		
_____	Information Literacy Elective	3		
Critical Thinking (9 hours)[1]				
_____	Literature OR Philosophy Elective	3		
_____	Social Science Elective	3		
_____	Cultural Studies Elective	3		
Christian Life & Thought (12 hours)[1,2]				
BIBL 104	Survey of Old & New Testament	4		
RLGN 104	Christian Life & Biblical Worldview	4		
THEO 104	Introduction to Theology Survey	4		

Course		Hrs	Sem	Grade
Major Foundational Courses (3-9 hours)[3]				
BUSI 201	Intermediate Business Computer Apps.	3		
BUSI 230	Introduction to Probability & Statistics	3		
BUSI 240	Organizational Behavior I	3		
MAJOR				
	Core (48 hours)			
BUSI 390	Business Common Professional Comp.	3		
CSIS 100	Intro. to Information Sciences & Systems	3		
CSIS 110	Introduction to Computing Sciences	3		
CSIS 212	Object-Oriented Programming	3		
CSIS 310	Web Architecture & Development	3		
CSIS 312	Advanced Object-Oriented Programming	3		
CSIS 320	IS Hardware & Software	3		
CSIS 325	Database Management Systems	3		
CSIS 330	Business Data Communication Systems	3		
CSIS 340	Studies in Information Security	3		
CSIS 352	System Administration	3		
CSIS 354	Integrative Programming & Technologies	3		
CSIS 375	Intro. to Human-Computer Interaction	3		
CSIS 474	Enterprise Systems & Integration	3		
CSIS 484	Information Technology Capstone	3		
ECON 214	Principles of Macroeconomics	3		
	Cognate (12 hours)			
CSIS 209	C# Programming	3		
CSIS 327	Introduction to Oracle	3		
CSIS 328	Advanced Oracle	3		
CSIS 410	Web Enterprise Technologies			
or CSIS 499	Internship	3		

FREE ELECTIVES (9-18 hours)[4]

_____	_____	_		
_____	_____	_		
_____	_____	_		

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
[1]Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements
[2]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
[3]Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable
[4]Internship (maximum 6 hours) is strongly recommended
Suggested Course Sequence on second page

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

First Semester		Second Semester	
BIBL 104	4	BUSI 201	3
ENGL 101	3	Communications Elective[1]	3
UNIV 104	0-3	Composition Elective[1]	3
Social Sciences Elective[1] [BUSI 240]	3	Math Elective[1] [BUSI 230]	3
CSIS 100	3	CSIS 110	3
	Total 13-16		Total 15

SOPHOMORE YEAR

Information Literacy Elective[1]	3	RLGN 104	4
THEO 104	4	Natural Science Elective[1]	3
CSIS 212	3	CSIS 310	3
CSIS 320	3	CSIS 312	3
Elective	3	CSIS 330	3
	Total 16		Total 16

JUNIOR YEAR

Literature or Philosophy Elective[1]	3	Cultural Studies Elective[1]	3
CSIS 209	3	CSIS 327	3
CSIS 325	3	CSIS 354	3
CSIS 352	3	CSIS 375	3
CSIS 340	3	Elective	3
	Total 15		Total 15

SENIOR YEAR

CSIS 328	3	BUSI 390	3
CSIS 410 or 499	3	CSIS 484	3
CSIS 474	3	Elective	3
ECON 214	3	Elective	3
Elective	3		Total 12
	Total 15		

Notes
[1]Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements