INFORMATION TECHNOLOGY (B.S.) - APPLICATION & DATABASE DEVELOPMENT - RESIDENT

Important: This degree plan is effective for those starting this degree program in fall 2026 through summer 2027. 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
BUSI 240	Organizational Behavior and Management [1]	3
Total Hours		**9**

1. Course may fulfill select general education requirements.

Code	Title	Hours
Major Courses		
BUSI 301	Legal and Ethical Concepts for Decision Makers	3
CSIS 100	Introduction to Information Systems and Information Technology	3
CSIS 110	Introduction to Computer Science	3
CSIS 212	Object-Oriented Programming	3
CSIS 310	Web Programming	3
CSIS 312	Advanced Object- Oriented 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 345	Introduction to Linux	3
or CSCN 345	Linux Operating System	
CSIS 352	System Administration	3
CSIS 375	Introduction to Human-Computer Interaction	3
CSIS 474	Enterprise Systems and Integration	3
CSIS 484	Information Technology Capstone	3
ECON 214	Principles of Macroeconomics	3
Total Hours		**48**

Code	Title	Hours
Application & Database Development Cognate		
CSIS 209	C# Programming	3
CSIS 332	Database Programming	3
CSIS 333	Advanced Database Programming	3
CSIS 410	Web Enterprise Technologies	3
or CSIS 499	Internship	
Total Hours		**12**

Code	Title	Hours
Free Electives		
Choose 17-20 credit hours of Free Electives [1]		17-20
Total Hours		**17-20**

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
- **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

Course Sequence

Freshman Year

First Semester		Hours
Social Science Elective [1]		3
Technology Competency [1,2]		0-3
BIBL 105	Old Testament Survey	2
CSIS 100	Introduction to Information Systems and Information Technology	3
ENGL 101	Composition and Rhetoric	3
UNIV 101	Foundational Skills	1
CSER		0
	Hours	**12-15**
Second Semester		
Communications Elective [1]		3
Information Literacy Elective [1]		3
Math Elective [1]		3
BIBL 110	New Testament Survey	2
CSIS 110	Introduction to Computer Science	3
CSER		0
	Hours	**14**

Sophomore Year

First Semester		
Critical Thinking Elective [1]		3
Information Literacy Elective [1]		3
ECON 214	Principles of Macroeconomics	3
RLGN 105	Introduction to Biblical Worldview	2
THEO 201	Theology Survey I	2
Elective		3
CSER		0
	Hours	**16**
Second Semester		
Cultural Studies Elective [1]		3
CSIS 212	Object-Oriented Programming	3
CSIS 330	Business Data Communication Systems	3
EVAN 101	Evangelism and the Christian Life	2
THEO 202	Theology Survey II	2
CSER		0
	Hours	**13**

Junior Year

First Semester		
CSIS 209	C# Programming	3
CSIS 310	Web Programming	3
CSIS 312	Advanced Object- Oriented Programming	3
CSIS 320	IS Hardware and Software	3
CSIS 325	Database Management Systems	3
CSER		0
	Hours	**15**
Second Semester		
CSIS 332	Database Programming	3
CSIS 333	Advanced Database Programming	3
CSIS 340	Studies in Information Security	3
CSIS 345 or CSCN 345	Introduction to Linux or Linux Operating System	3
CSIS 352	System Administration	3
CSER		0
	Hours	**15**

Senior Year

First Semester		
Natural Science Elective [1]		3
BUSI 301	Legal and Ethical Concepts for Decision Makers	3
CSIS 375	Introduction to Human-Computer Interaction	3
CSIS 474	Enterprise Systems and Integration	3
Elective		3
Elective		3
CSER		0
	Hours	**18**
Second Semester		
CSIS 410 or CSIS 499	Web Enterprise Technologies or Internship	3
CSIS 484	Information Technology Capstone	3
Elective		3
Elective		3
Elective		3
Elective		2
CSER		0
	Hours	**17**
	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.

All applicable prerequisites must be met