INFORMATION TECHNOLOGY (M.S.I.T.) - SOFTWARE DESIGN & MANAGEMENT

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.

Code	Title	Hours
Core Courses		
BMIS 520	IT Infrastructure	3
BMIS 530	Systems Analysis, Modeling, and Design	3
BMIS 570	Ethics and Legal Issues	3
CSCI 501	Overview of Computer Security	3
CSIS 505	Software Development	3
CSIS 525	Database Design and Development	3
CSIS 535	Computer Networks	3
CSIS 657	Statistical Analysis and Data Mining	3
CSIS 690	Integrated Capstone	3
Total Hours		**27**

Code	Title	Hours
Software Design & Management Cognate		
CSCI 611	Secure Software Engineering	3
CSIS 641	Software Development Management	3
CSIS 643	Software Design	3
Total Hours		**9**

All applicable prerequisites must be met

Graduation Requirements

- Complete 36 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No more than two grades of C may be applied to the degree (includes grades of C+ & C-)
- No grade of D or below may be applied to the degree (includes grades of D+ & D-)
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Resident and Online Format

Course Sequence

Course	Title	Hours
First Semester		
BMIS 520	IT Infrastructure	3
CSCI 501	Overview of Computer Security	3
CSIS 505	Software Development	3

Course	Title	Hours
CSIS 535	Computer Networks	3
	Hours	12
Second Semester		
BMIS 530	Systems Analysis, Modeling, and Design	3
BMIS 570	Ethics and Legal Issues	3
CSCI 611	Secure Software Engineering	3
CSIS 525	Database Design and Development	3
	Hours	12
Third Semester		
CSIS 641	Software Development Management	3
CSIS 643	Software Design	3
CSIS 657	Statistical Analysis and Data Mining	3
CSIS 690	Integrated Capstone	3
	Hours	12
	Total Hours	**36**