

Important: This certificate plan is effective for those starting in the fall 2023 through summer 2024. This certificate plan will remain in effect for students who do not break enrollment or who do not change certificates.

<u>REQUIRED COURSES (21 hours)</u>		<u>Hrs</u>	<u>Semester</u>	<u>Grade</u>
CSIS 100	Introduction to Information Sciences & Systems	3	_____	_____
CSIS 212	Object-Oriented Programming	3	_____	_____
CSIS 310	Web Architecture & Development	3	_____	_____
CSIS 312	Advanced Object-Oriented Programming	3	_____	_____
CSIS 325	Database Management Systems	3	_____	_____
CSIS 340	Studies in Information Security	3	_____	_____
CSIS 410	Web Enterprise Technologies	3	_____	_____
TOTAL HOURS		21		

Completion Requirements

- 21 total hours
- A minimum of 25% of hours must be completed through Liberty University
- 2.0 GPA
- No grade of D may be applied to the certificate
- Submission of Certificate Completion Application at beginning of final semester

Offered in Online Format