

**Important:** This certificate plan is effective for those starting in the fall 2019 through summer 2020. This certificate plan will remain in effect for students who do not break enrollment or who do not change certificates.

<b><u>REQUIRED COURSES (18 hours)</u></b>		<b><u>Hrs</u></b>	<b><u>Semester</u></b>	<b><u>Grade</u></b>
CSIS 100	Introduction to Information Sciences & Systems	3	_____	_____
CSIS 208	Application Programming	3	_____	_____
CSIS 209	C# Programming	3	_____	_____
CSIS 212	Object-Oriented Programming	3	_____	_____
CSIS 312	Advanced Object-Oriented Programming	3	_____	_____
CSIS 375	Introduction to Human-Computer Interaction	3	_____	_____
<b>TOTAL HOURS</b>		<b>18</b>		

**Completion Requirements**

18 total hours

All courses 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

**Program Offered in Online Format**