

Application Development Certificate

2021-2022 Certificate Completion Plan

Important: This certificate plan is effective for those starting in the fall 2021 through summer 2022. This certificate plan will remain in effect for students who do not break enrollment or who do not change certificates.

REQUIRED COURSES (18 hours)		<u>Hrs</u>	<u>Semester</u>	Grade
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		

TOTAL HOURS 18

Completion Requirements

18 total hours

A minimum of 25% of hours must be completed through Liberty University $2.0~\mathrm{GPA}$

No grade of D may be applied to the certificate

Submission of Certificate Completion Application at beginning of final semester

Offered in Online Format

Revised: 03.23.2021 Effective: Catalog Term 2021-40