LIBERTY
U N I V E R S I T Y.
ONLINE

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.

REQUIRED COURSES (18 hours)		Hrs	Semester	Grade
CSIS 100	Introduction to Information Sciences & Systems	3		
CSIS 208	Application Programming	3		
CSIS 212	Object-Oriented Programming	3		
CSIS 325	Database Management Systems	3		
CSIS 327	Introduction to Oracle	3		
CSIS 328	Advanced Oracle	3		

TOTAL HOURS 18

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