

STUDENT:



STUDENT ID NUMBER:

COLLEGE OF LIBERAL ARTS & SCIENCES • DATA SCIENCE MINOR

Academic Plan: ?????

Version Number: 2248

Effective Date: August 24, 2024

**PROGRAM REQUIREMENTS FOR
SCRIPTING FOR DATA MANIPULATION CERTIFICATE**

Certificate Program: 9 credits		
1. Required Courses – 9 credits	CR	GR
CSC 123 - Introduction to Scientific Programming OR CSC 135 - Computer Science I	3	
CSC 223 - Advanced Scientific Programming	3	
CSC 256: SQL Programming	3	

Computer Science & Information Technology Department