

Computer Information Science Certificate in Computer Programming: 16 Hours

Preferred Course Sequence

Semester I	Cr	Semester II	Cr
CIS 120 Intro to Computer Programming	3	Beginning Programming Language (see course description catalog for details)	3
CIS 230 Systems Analysis and Design	3	CIS 250 Database and Query	3
		Advanced Programming Language (see course description section of catalog for details)	3
Total Credits	6	Total Credits	9