

Archived: August 11, 2020

Arts, Humanities and Social Sciences Programs

Computer Science (BA)

Location Offered:

Nanaimo

Credential:

Bachelor Degree

Options:

Minor

Program Length:

4 Years

The Program

Computer Science is a rapidly-growing field, generating a great number of employment opportunities. Government agencies are predicting shortages of qualified computing people that will number in the tens of thousands in Canada alone.

The Bachelor of Arts with a minor in Computer Science is composed of courses drawn from the systems and business application domains. It is designed to train students in applied computer science and educate them in the social, ethical and legal implications of computing.

Graduates of the program may work in fields where a well grounded knowledge in computing is necessary or advantageous. Examples include opportunities in many aspects of business, mathematics and statistics, graphic arts, music production, the video gaming industry, teaching and education, et cetera. People with interests in any of these areas would benefit from the understanding of computer systems and software gained from earning a B.A. Minor in Computer Science.

VIU also offers a Bachelor of Science, Major and Minor in Computer Science.

Program Outline

Students must fulfill all the Institutional B.A. degree requirements, including Degree English Requirements and courses listed below:

Years 1 and 2	Credits
Minimum "C-" average in the following courses:	
CSCI 160 - (Computer Science I)	4
CSCI 161 - (Computer Science II)	4
CSCI 162 - (Topics in Computer Science)	4
CSCI 260 - (Data Structures)	3
CSCI 265 - (Software Engineering)	3
MATH 121 - (Calculus I)	3
MATH 123 - (Logic and Foundations)	3
Total Credits	24

Years 3 and 4	Credits
CSCI 370 - (Database Systems)	3
<i>Five additional CSCI courses numbered 300 or above*</i>	15
Total Credits	18

*Students should check upper-level course prerequisites to guide second year course selection. Certain course selections will require completion of a greater number of second-year courses than is required by the Minor.

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