

# Bachelor of Arts, Majors and Minors

## COMPUTING SCIENCE

A Minor is offered

**Note:** VIU also offers a Computing Science Diploma and a Bachelor of Science, Major and Minor in Computing Science.

### General Description

Computing 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 Computing Science is composed of courses drawn from the systems and business application domains. It is designed to train students in applied computing 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 Computing Science

### Requirements for a Minor

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

**Year 1:** Minimum "C-" average in CSCI 160, 161, 162; MATH 121 and MATH 123

**Year 2:** Minimum "C-" average in CSCI 115\*, CSCI 260, CSCI 261 and CSCI 265

**Year 3:** CSCI 370 and CSCI 400

**Year 4:** 4 Upper-level CSCI electives

Recommended Computer Science courses: CSCI 310 CSCI 311 CSCI 331, and CSCI 375.

\* CSCI 311 may be taken as an alternative to CSCI 115, but requires CSCI 310 as a prerequisite.