

# Bachelor of Science, Majors, Minors and Transfer

## MATHEMATICS

A Minor is offered

**Note:** VIU also offers a Bachelor of Arts, Minor in Mathematics

### General Description

The Bachelor of Science, Minor in Mathematics, is designed to be taken as part of a Double Minor or a Major/Minor combination for a Bachelor of Science degree.

The curriculum is based upon the mathematics topics that will be of most benefit to future teachers of mathematics at the secondary level. A Mathematics Minor is a great way to gain entry into the Bachelor of Education program and, subsequently, into the teaching profession where there is a chronic shortage of well-qualified high school mathematics teachers.

Outside of teaching, employment prospects for students with a strong mathematics background are excellent in areas such as science, engineering or business because their skills in problem solving, modelling, and data analysis are highly valued by employers. There are career opportunities in fields of actuarial analysis, insurance, investment, banking, systems analysis, or management information systems.

**Note:** First-year science courses have specific prerequisites. MATH 121 requires Principles of Math 12 with a min. "B" while MATH 100 requires a min. "B" in Principles of Math 12, or min. "B-" in both Principles of Math 12 and Calculus 12.

### Requirements for a Minor

Students must fulfill all Institutional B.Sc. Degree Requirements, including Degree English Requirements and courses listed below:

**Years 1 and 2:** Successful completion of MATH 100 and 101, or the equivalent trio of MATH 121, 122 and MATH 110; MATH 123, MATH 200, MATH 211, MATH 241 plus one of MATH 223 or MATH 251

**Note:** Students may not obtain credit for MATH 151 or 152 as part of a B.Sc. degree.

**Years 3 and 4:** Successful completion of 18 credits (6 courses) of Mathematics courses numbered 300 or above. **Note:** Check individual course prerequisites.