

Interested in mathematics or statistics?

You can specialize in mathematics within either Camosun's new, flexible Arts & Science Studies program or the more structured Associate of Science Degree in General Science program.

Arts & Science Studies (ARTSCI)

The Arts & Science Studies program lets you work towards a credential while choosing the courses that interest you. When you complete 20 university transfer (UT) courses, of which at least 14 are from the School of Arts & Science, you will earn a Diploma in Arts & Science Studies.

If you are interested in concentrating your studies in mathematics or statistics, here are possible sequences of courses. You can follow this plan or design your own.

Sequence 1: You have a recent B or higher in Principles of Mathematics 12 or Pre-calculus 12.

| Fall Year One | Winter Year One | Fall Year Two | Winter Year Two |
|------------------------|-----------------|------------------|--------------------|
| COMP 132 | COMP 139 | MATH 218 | MATH 219 |
| ENGL 151 or 161 or 163 | MATH 101 | MATH 220 | MATH 225 |
| MATH 100 | MATH 111 | MATH 235 | Three UT electives |
| MATH 110 | MATH 126 | Two UT electives | |
| PHYS 104 or 114 | PHYS 105 or 115 | | |

Sequence 2: Refresh your mathematics with MATH 115 in your first semester.

| Fall Year One | Winter Year One | Spring Year One | Fall Year Two | Winter Year Two |
|------------------------|-----------------|-----------------|---------------|-----------------|
| COMP 132 | COMP 139 | MATH 101 | MATH 110 | MATH 111 |
| ENGL 151 or 161 or 163 | MATH 100 | PHYS 105 or 115 | MATH 218 | MATH 126 |
| MATH 115 | PHYS 104 or 114 | | MATH 220 | MATH 219 |
| UT elective | UT elective | | MATH 235 | MATH 225 |
| | | | UT elective | UT elective |

Associate of Science Degree (ADSCI)

Camosun offers a two-year Associate of Science Degree in General Science. To earn this provincial credential, your program must satisfy various mathematics, arts, English and science (including lab science) requirements.

If you are interested in concentrating your studies in mathematics or statistics, then this sequence of courses is one option that will satisfy the requirements of the Associate of Science Degree in General Science.

| Fall Year One | Winter Year One | Fall Year Two | Winter Year Two |
|-----------------|--------------------------------|---|--|
| COMP 132 | COMP 139 | MATH 218 | MATH 219 |
| ENGL 151 | MATH 101 | MATH 220 | MATH 225 |
| MATH 100 | MATH 111 | MATH 235 | PHIL 212 or UT Arts non-English elective |
| MATH 110 | MATH 126 | ENGL 161 or 163 | 2 nd year UT Science elective |
| PHYS 104 or 114 | PHYS 105 or 115 or UT elective | PHIL 110 or UT Arts non-English elective | UT elective |
| | | 2 nd year UT Science non-Math elective | |

Transferring to UVic?

The University of Victoria (UVic) offers major and honours programs leading to a Bachelor of Science (BSc) degree in mathematics, statistics or a combined program in mathematics & statistics. At Camosun, you can take most of the courses required for transferring into third year at UVic.

Here is a list of the courses that must be taken – at a minimum – in order to complete the first two years of a BSc degree program in mathematics or statistics at UVic. Take these courses as part of your ARTSCI or ADSCI program and earn a credential before you transfer.

| Fall Year One | Winter Year One | Fall Year Two | Winter Year Two |
|--------------------------|--------------------------|-----------------------|--------------------|
| COMP 132 | COMP 139 ¹ | MATH 218 | MATH 219 |
| ENGL 151 or 161 or 163 | MATH 101 | MATH 220 | MATH 225 |
| MATH 100 | MATH 111 | MATH 235 ² | Three UT electives |
| MATH 110 | MATH 126 ¹ | Three UT electives | |
| UT elective ³ | UT elective ³ | | |

¹ COMP 139 and MATH 126 are not required for Statistics (major) but they are required for Statistics (honours) as well as Mathematics (major and honours) and Mathematics & Statistics (major and honours).

² MATH 235, which is a pre- or co-requisite for MATH 225, transfers to UVic as 0.5 units unlike all the other courses listed, which transfer to UVic as 1.5 units.

³ PHYS 114 & 115 or PHYS 104 & 105 are recommended electives for Mathematics (major and honours).

Additional Notes

UVic has the following requirements for their Bachelor's degrees:

- You must take at least two courses from each of two departments other than MATH among your first 10 courses (Year One).
- You must take at least two courses from one department other than MATH among your next 10 courses (Year Two).

You can complete two courses from a department other than MATH by taking pairs of courses such as COMP 132 & 139, PHYS 114 & 115, CHEM 120 & 121, ENGL 151 & 161, PHIL 110 & 212, etc.

The following additional courses must be taken at UVic for each program identified by a checkmark ✓.

| | UVic MATH 236 | UVic MATH 212 | UVic MATH 222 |
|--|---------------|---------------|---------------|
| Mathematics (major and honours) | ✓ | ✓ | ✓ |
| Mathematics & Statistics (major and honours) | ✓ | ✓ | – |
| Statistics (honours) | ✓ | – | – |
| Statistics (major) | – | – | – |