

MATHEMATICS

Figuring out what MATH to take?

What choices do I have?

In grade 9, there are 2 levels of Math: Math 9 Prep and Math 9. Students who had significant challenge with Math 8 will be required to take Math 9 Workplace (by teacher recommendation).

Figuring out which Math to take: What are all the different choices?

In choosing the Math course for you, look at your history of success in previous Math courses. Consult with your Math teacher if you are not sure which course is appropriate for you. Because post-secondary institutions and programs differ in the Math required for entry, it is wise to research the entrance requirements for the specific institutions and programs you are considering. There are Post-Secondary programs that accept Foundations 12 or a B in Pre-Calculus 11 as entrance requirements.

Grade 10

Three options are offered: Foundations of Math & Pre-Calculus 10, Honours Foundations & Pre-Calculus 10, and Workplace Math 10.

Grade 11

Four options are available for grade 11: Pre-Calculus 11, Honours Pre-Calculus 11, Foundations of Math 11, and Workplace Math 11. All lead to graduation, but some post-secondary institutions (including some universities) require the completion of Pre-Calculus Math 11 for basic entrance. Students should have an A or B in Foundations of Math & Pre-Calculus 10 to take Pre-calculus 11. Students should have a C or C+ in Foundations of Math & Pre-Calculus 10 to take Foundations of Math 11. Science and Business programs may require Pre-Calculus 12.

Grade 12

Four options are available: Foundations of Math 12, Pre-Calculus 12, Calculus 12 and AP Calculus 12. Both Calculus 12 and AP Calculus 12 are grade 12 elective courses that provide excellent preparation for first year university Math courses.

Am I stuck in a stream (level) forever?

Grade 10

Streams are not transferrable, meaning that if you took Workplace Math 10, it does not lead to Foundations 11 or Pre-Calculus 11. Each stream is different, just like Biology 11 doesn't lead into Chemistry 12.

Grade 11 & 12

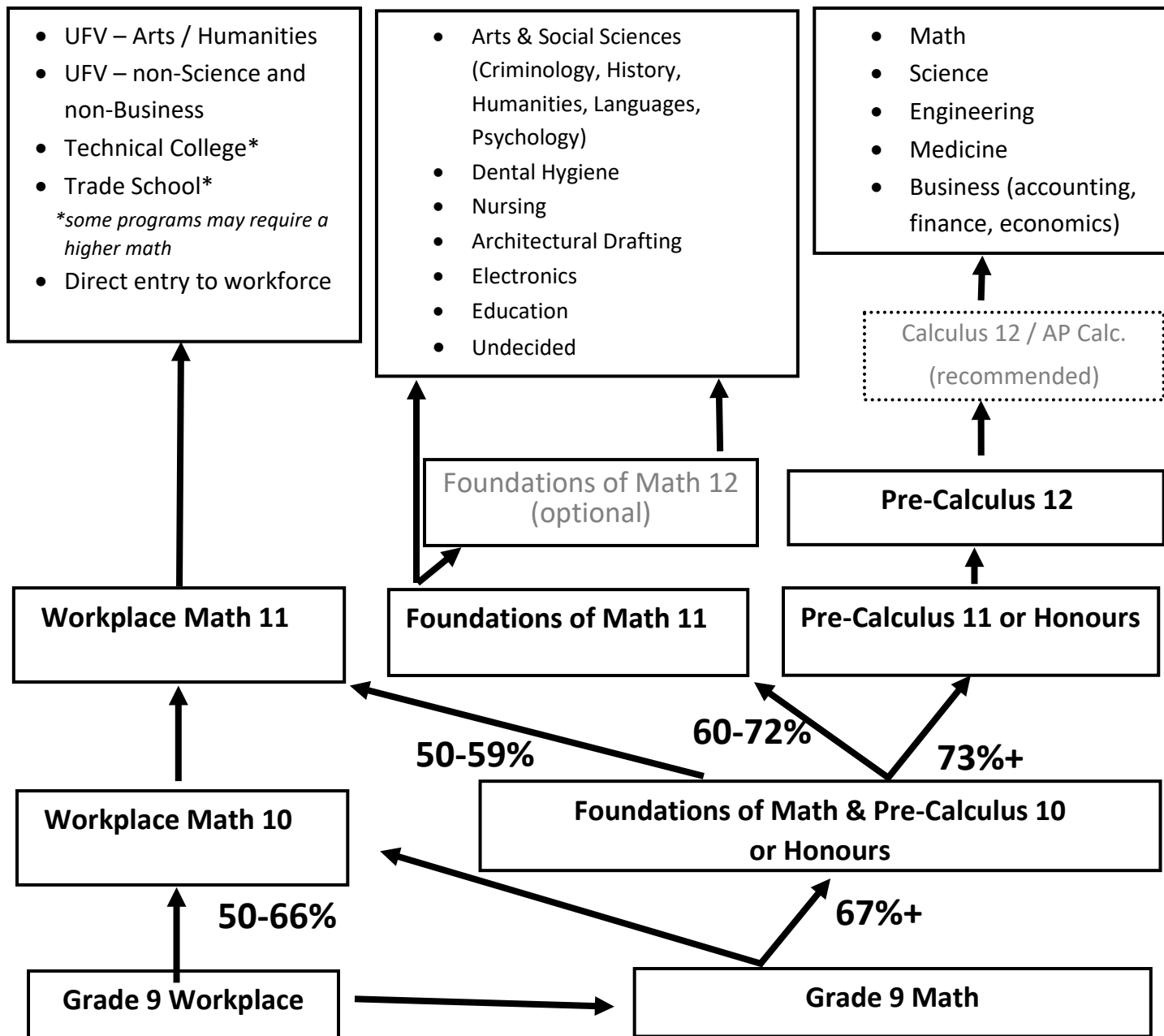
Students should consider carefully which Math course they wish to take. Course planning is the best time to reassess your Math choice. You should consult with your Math teacher and look into the requirements for your projected career or post-secondary education program.

Which Math course do I need to graduate?

A student must pass both a Mathematics 10 and a Mathematics 11 course to graduate. All grade 10 and 11 Math courses Yale offers meet graduation requirements.

Please see below for Math Request Guidelines

MATH PATHWAYS



- UFV – Arts / Humanities
- UFV – non-Science and non-Business
- Technical College*
- Trade School*
- *some programs may require a higher math*
- Direct entry to workforce

- Arts & Social Sciences (Criminology, History, Humanities, Languages, Psychology)
- Dental Hygiene
- Nursing
- Architectural Drafting
- Electronics
- Education
- Undecided

- Math
- Science
- Engineering
- Medicine
- Business (accounting, finance, economics)

Calculus 12 / AP Calc.
(recommended)

Workplace Math 11

Foundations of Math 11

Pre-Calculus 11 or Honours

Workplace Math 10

Foundations of Math & Pre-Calculus 10 or Honours

Grade 9 Workplace

Grade 9 Math

- SFU accepts Foundations of Math 11 for admission to the Faculty of Arts only.
- UFV accepts any Math 11 for Arts / Humanities/(Criminology)
- UFV requires Pre-Calculus Math 12 for Business / Science / Kinesiology Degrees
- UVIC requires Pre-Calculus 11 for admission to Science and Math
- UBC requires Pre-Calculus 11 for admission to all faculties

All Math courses require students to have a calculator. Beyond Grade 9, it should be a scientific calculator and for grade 11 and 12, a graphing calculator is required.