

## For students admitted to BSc (Engineering)/BComm Combined Degree Program\*

The **Schulich School of Engineering** and the **Haskayne School of Business** offer a combined degree program leading to a BSc in Biomedical (Planned calendar addition), Physics (Planned calendar addition), Sustainable Systems (Planned calendar addition), Chemical, Civil, Electrical, Geomatics, Mechanical, or Software Engineering and a BComm. The BSc (Engineering)/BComm combined degree program can be completed in as little as five years. Engineering Minors, Engineering Concentrations, and Energy Engineering are not permitted in this program (see [ucalgary.ca/pubs/calendar/current/en-4-10](http://ucalgary.ca/pubs/calendar/current/en-4-10) and [ucalgary.ca/pubs/calendar/current/ha-4-2-5](http://ucalgary.ca/pubs/calendar/current/ha-4-2-5)).

### Work-Integrated Learning

Students interested in obtaining work experience during their program can apply for admission into the continuous 12–16-month [Engineering Internship Program \(EIP\)](#) (rather than Co-operative Education placements through Haskayne). Students will typically complete the EIP after their fourth year in the dual degree program (once third year technical engineering requirements are completed – see *Program Sequence* section). Students may also want to consider the [Engineering Practicum Program](#) prior to EIP, or other opportunities offered through Haskayne. Students have access to the resources and events offered by both the [Engineering Career Centre](#) and the [Haskayne Career Development Centre](#).

### Program Requirements

There are important program **substitutions** that occur in this combined degree program to be aware of:

- ENDG 319 or ENEL 419; and MATH 211 (Engineering) replace STAT 213 and 217 (BComm)
- MATH 275 (Engineering) replaces MATH 249 or 265 (BComm)
- ECON 201 (BComm) replaces ECON/ENGG 209 (Engineering)
- SGMA 217 (BComm) replaces COMS 363 (Engineering)
- ECON 203 and a junior-level ENGL course (BComm) replace two general COST courses (Engineering)
- Engineering-specific courses can be used to satisfy non-commerce options in the BComm

There are also **reductions** in technical Engineering requirements, depending on the Engineering Major:

Chemical Engineering: Remove 6 of 12 units of Chemical Engineering Technical Electives
Civil Engineering: Remove 3 of 12 units from Group A Civil Engineering Technical Electives, and 6 out of 6 required units from Group B Civil Engineering Technical Electives
Electrical Engineering: Remove 9 of 18 units of Electrical Engineering Technical Electives
Geomatics Engineering: Remove 6 of 18 units of Geomatics Engineering Technical Electives
Mechanical Engineering: Remove CHEM 379 and 6 of 12 units of Mechanical Engineering Technical Electives
Software Engineering: Remove 6 of 12 units of Software Engineering Technical Electives

## Program Sequence

There is no set sequence of courses for this combined degree program, however it is important to plan your courses carefully so that you do not go beyond your allotted time in the program. Depending on the combination of your Engineering Major and Bcomm Concentration, you will have anywhere from 60-62 courses to complete (or more depending on any non-Engineering program supplements such as minors, certificates, etc.). Therefore, if 5 years is your completion goal that is 12-13 courses a year.

Schulich has recommended course sequences called Prerequisite Guides for each Engineering Major based on a 4-year map (*D2L > Engineering Student Centre > Content > Pre-Requirement Guides*). Haskayne also has a recommended sequence of courses and registration resources which can be found on their [Program Advising Page](#). These are helpful guides to see how prerequisites work in both degrees, however you will want to reframe these sequences in a 5-year program vs a 4-year program, and remember to incorporate any substitutions/reductions as described above. Here is a *typical* 5-year dual degree sequence:

	Engineering	Business
<b>YEAR 1</b>	Complete all <a href="#">ten first-year engineering technical courses</a> by April to be guaranteed program placement	Start <a href="#">first year (200-level) business courses</a> ; MGST217 and SGMA217 are important prerequisites to most 300-level core courses
<b>YEAR 2</b>	Start second year engineering courses. You may not complete all of second year, but be aware of second year course blocks** (i.e., Electrical)	Complete remaining first year (200-level) business courses (i.e., ECON201, ECON203, ENGL2XX, ACCT217)
<b>YEAR 3</b>	Complete second year & start third year engineering courses; be aware of third year course blocks** (i.e., Chemical, Mechanical)	Start senior core (300-level) business courses; there are nine altogether, so prioritize the prerequisite course(s) in your chosen concentration
<b>YEAR 4</b>	Complete third year & start fourth year engineering courses; capstone is usually completed in YEAR 5	Complete remaining senior (300-level) core business courses; start business concentration courses (there are six altogether)
<b>OPTIONAL</b>	Engineering Internship Program (EIP)	
<b>YEAR 5</b>	Complete remaining engineering courses, including full year capstone which will occur over September to April	Complete remaining business courses, including concentration and three capstone courses (i.e., MGST451, MGST453, SGMA591)

YEAR = September to August and may include spring/summer terms. Note that all 10 first-year engineering technical courses need to be completed by April to be guaranteed Engineering Program Placement for that year. Students may choose to spread out their first-year engineering technical courses to April of YEAR 2, and delay program placement. See *D2L > Engineering Student Centre > Content > Program Placement Guidelines*

\*\* **Blocks** refers to groups of courses that are intended to be taken in the same term as part of an integrated learning system and should not be separated without explicit consent from your engineering Department's Program Director or Associate Head undergraduate.

For your planning purposes, please note that core curriculum business courses (which all BComm students take) are typically offered each fall, winter, and spring terms. Concentration courses are typically offered in the fall or winter term only. The BComm program has very few courses offered in the summer term. While we never make exceptions to prerequisite requirements, you should do your best to fit BComm courses around your Engineering courses (which often means taking BComm courses in the spring and summer intersession).

## Frequently Asked Questions

### How can I see all my requirements in one place?

The [Academic Requirements Report](#) is a great tool to see both your Haskayne and Schulich requirements. You can also use the [What-If Report tool](#) to create a hypothetical report based on your intended engineering major and business concentration. This report is not used for academic review, so we still recommend checking in with an academic advisor at least once a year to make sure you are on track.

### Do I have to finish my degree in 5 years?

No, students in this program have up to eight calendar years to complete degree requirements, this does not include time spent in Internship ([ucalgary.ca/pubs/calendar/current/en-3-4](http://ucalgary.ca/pubs/calendar/current/en-3-4)).

### Can I choose any business concentration?

Yes! Any [business concentration](#) can be approved with this program, however there are some concentrations that are more compatible than others when it comes to course scheduling. We recommend speaking with an academic advisor to discuss your plans.

### Can I take any of my courses at another institution?

With careful planning, students in this program may be able to participate in a UCalgary Exchange. The best place to start exploring this is the [Study Abroad Office](#). Haskayne also has their own [Haskayne Exchange Program](#) with other approved business schools that you may want to explore. Some select business concentration courses and complementary studies courses may be taken on an approved Letter of Permission – but we recommend speaking to an academic advisor before pursuing this (see *D2L > Engineering Student Centre > Content > Taking Course at an Outside Institution*).

## Support

More questions? We are here to help! If you are not sure where to start, you can reach out to the!:

### Engineering Student Centre

Email: [engginfo@ucalgary.ca](mailto:engginfo@ucalgary.ca)

Website: [schulich.ucalgary.ca/current-students/undergraduate/student-resources/engineering-student-centre](http://schulich.ucalgary.ca/current-students/undergraduate/student-resources/engineering-student-centre)

### Haskayne Undergraduate Programs Office

Email: [undergraduate@haskayne.ucalgary.ca](mailto:undergraduate@haskayne.ucalgary.ca)

Website: [haskayne.ucalgary.ca/current-students/undergraduate/academic-information](http://haskayne.ucalgary.ca/current-students/undergraduate/academic-information)

### Engineering Career Centre

Email: [ecc@ucalgary.ca](mailto:ecc@ucalgary.ca)

Website: [schulich.ucalgary.ca/current-students/undergraduate/launching-your-career](http://schulich.ucalgary.ca/current-students/undergraduate/launching-your-career)

### Haskayne Career Development Centre

Email: [careercentre@haskayne.ucalgary.ca](mailto:careercentre@haskayne.ucalgary.ca)

Website: [haskayne.ucalgary.ca/current-students/career-development-centre](http://haskayne.ucalgary.ca/current-students/career-development-centre)

### Student Wellness Centre

Phone: 403-210-9355

Website: [ucalgary.ca/wellness-services](http://ucalgary.ca/wellness-services)

### Student Success Centre

Email: [success@ucalgary.ca](mailto:success@ucalgary.ca)

Website: [ucalgary.ca/student-services/student-success](http://ucalgary.ca/student-services/student-success)