

PROGRAM PLANNING WORKSHEET – TWO YEARS OVER THREE



This worksheet is for **PLANNING PURPOSES ONLY**. In the event of any discrepancy, the academic calendar (uvic.ca/calendar) should be considered the authority.

Degree: Bachelor of Engineering (BEng) and
Bachelor of Software Engineering (BSEng)

Faculty: Engineering and Computer Science
Effective: Winter Session 2025/26

This document is intended for incoming first year undeclared BEng/BSEng students to see a pathway to program declaration into all six of our declared programs whilst also **spreading out Year 1 and Year 2 program requirements over three years**. This document offers course reduction suggestions; students may consult with Academic Advising if irreconcilable conflicts occur. We hope to convey to incoming students that this program can be flexible to suit each student. Reducing course load is not an admission of defeat, but rather a bid for stronger understanding of course material and in turn, stronger results.

If you have any questions, please ask an [Academic Advisor](#). It's what we're here for.

Program Declaration Requirements

- Achievement of 2nd year standing (12.0 units or more), and
- A "C+" average, and
- No grades less than "C"
- Plus – a competitive average where required by program

More information in [UVic Calendar](#) under heading 'Declaration into programs'.

Biomedical Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 MATH 211	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 5.5	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 CSC 116 MATH 200 PHYS 110	CHEM 231 ENGR 141 MATH 204 PHYS 111	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 6.0	Total units: 4.5
Year 3 (Declared BME)	BME 200 ECE 250 MECH 240 ECE 216 or 260 or MECH 242	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 6.0	Total units: 4.5	Total units: 6.0

Have questions regarding this worksheet?
Visit www.uvic.ca/ecs/undergraduate/advising



**University
of Victoria**

Engineering and
Computer Science

Computer Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 MATH 211	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 5.5	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 CSC 116 MATH 200 PHYS 110	ENGR 141 MATH 204 PHYS 111 STAT 260	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 6.0	Total units: 4.5
Year 3 (Declared CENG)	ECE 216 or ECE 260 ECE 241 ECE 255 ECE 250	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 6.0	Total units: 4.5	Total units: 6.0

Electrical Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 MATH 211	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 5.5	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 CSC 116 MATH 200 PHYS 110	ENGR 141 MATH 204 PHYS 111 STAT 260	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 6.0	Total units: 4.5
Year 3 (Declared ELEC)	ECE 241 ECE 255 ECE 250 ECE 216 OR ECE 260	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 6.0	Total units: 4.5	Total units: 6.0

Civil Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 MATH 211	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 5.5	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 MATH 200 PHYS 110 STAT 254 or STAT 260	ENGR 141 MATH 204 PHYS 111 Complementary Studies Elective	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 6.0	Total units: 4.5
Year 3 (Declared CIVE)	CIVE 200 CIVE 299 CIVE 220 CIVE 202 CIVE 270	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 7.5	Total units: 4.5	Total units: 6.0

Mechanical Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 MATH 211	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 5.5	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 CSC 116 MATH 200 PHYS 110	ENGR 141 MATH 204 PHYS 111 STAT 260	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 6.0	Total units: 4.5
Year 3 (Declared MECH)	ECE 250 MECH 200A MECH 240 ECE 216 or MECH 242	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 6.0	Total units: 4.5	Total units: 6.0

Software Engineering

Year	Winter Session		Summer Session
Year	Fall (Sept – Dec)	Spring (Jan – April)	Summer (May – Aug)
	Requirement	Requirement	
Year 1 (Undeclared)	CSC 111 or CSC 110 ENGR 110 ENGR 130 MATH 109 or MATH 100	ENGR 120 MATH 101 CSC 115 Complementary Studies Elective	WT #1 (ENGR 001) or Term Off
	Total units: 6.0	Total units: 7.0	Total units: 4.5 if on WT
Year 2 (Undeclared)	CHEM 101 MATH 122 PHYS 110 Natural Science Elective	STAT 260 MATH 211 Natural Science Elective	WT #1 (ENGR 001) or WT #2 (ENGR 002)
	Total units: 6.0	Total units: 4.5	Total units: 4.5
Year 3 (Declared SENG)	CSC 225 ECE 255 or CSC 230 ECE 260 SENG 265	WT #2 (ENGR 002) or WT #3 (ENGR 003)	Remaining 2B Courses (4)
	Total units: 6.0	Total units: 4.5	Total units: 6.0

Registration Tips

- You should register for both Fall Term (Sept – Dec) and Spring Term (Jan – April); registration for Summer Session courses begins in mid-March.
- Please note that all program courses, regardless of year level, are relevant to program declaration.
- The first-year engineering curriculum is not just 'ENGR' prefixed courses. First year engineering is a combination of ENGR, CHEM, CSC, MATH, and PHYS courses. When you go to 'Search for classes', make sure to look up each subject individually.
- All courses have a lecture (A##). A course could have a lab (B##) that accompanies the lecture, or a tutorial (T##), or both. If a course has a lecture, lab and tutorial, you must be registered in a section of each to complete your registration for that course. If you are registered in lecture section A01 of a course, you do not need to then be in lab section B01 and tutorial section T01, you can mix and match the section numbers as long as you have one of each.
- You must register in a time conflict free course schedule. If a course's section, whether it is a lecture, lab or tutorial, overlaps with another, the registration system will display an error and will not complete your registration
- You must complete ENGR 110 as part of the Bachelor of Engineering or Bachelor of Software Engineering program. Satisfaction of the [Academic Writing Requirement \(AWR\)](#) does not exempt you from ENGR 110. Only students with post-secondary transfer credit for ATWP 135, can be exempted from ENGR 110, and complete only Design I (ENGR 112).
- If you have completed an IB diploma program or AP courses or had accelerated access to post-secondary (college/university) courses read the following:
 - IB diploma program:* You already submitted your records with your application.
 - AP courses:* Be sure to order your [AP score report](#) no later than June 20. The report should be sent to [Undergraduate Admissions](#). Transfer credit cannot usually be considered after September 15.
 - Accelerated access to post-secondary courses:* Be sure to order your final transcript from the institution which you completed the course(s) through to have your final transcript sent to [Undergraduate Admissions](#).
- You can check on the [BC Transfer Guide Website](#) to determine how your [IB](#) and [AP](#) courses will transfer to UVic.
- If you are curious what a course's specific pre or co-requisites are, you can search for them in the [UVic Calendar](#). The UVic Calendar is the definitive resource for information on university policies, regulations, and deadlines.
- You may notice that between some course sections there is only a 10-minute break. This is sufficient time for you to get from class to class. It only takes a maximum of 10 minutes to get from one end of campus to the other
- Further Questions? The [University website](#) or our [Faculty webpage](#) will often contain the answers you're looking for.