

Program Scheduling Worksheet Civil Engineering January Calendar 2022

Students are responsible for the completeness and accuracy of their registrations and for the completion of all program requirements as specified in the UVic Academic Calendar; compliance with prerequisite and corequisite requirements; resolving timetable conflicts and scheduling issues that may result from following a nonstandard schedule; understanding registration dates and deadlines; planning to submit the application for graduation when entering last session in the program and reviewing CAPP Report (degree evaluation). Any errors or omissions on this PSW do not absolve students from having to complete all of the program requirements.

Student's name & number: _____

Signature: _____

WINTER SESSION Fall (F)		Spring (Sp)	SUMMER SESSION Summer (Su)
1A	1B	WT	
(F,Sp) CSC 111 (F) ENGR 110 (or ENGR 112 + (F,Sp,Su) ENGL 135 or ATWP 135) (F) ENGR 130 (F,Sp,Su) MATH 100 or 109 (F) MATH 110 (F,Sp) PHYS 110	(Sp) CHEM 150 (Sp) ENGR 120 (or ENGR 121+ (Sp,F) ENGR 240 or ENGL 225) (Sp, Su) ENGR 141 (Sp,Su,F) MATH 101 (Sp,Su) PHYS 111	Work Term or 1A/1B courses	
2A	WT	2B	
(F) CIVE 200 (CSC 110 or 111, & MATH 110 or 211) (F) CIVE 299 (MATH 100 or 109 & ENGR 110 or 112) (F,Sp,) GEOG 103 (F,Sp,Su) MATH 200 (MATH 101) (F) STAT 254 (Admit to BEng, MATH 200 pre- or co-requisite)	Work Term	(Su) CIVE 210 (CHEM 101 or 150, & CSC 110 or 111, & MATH 100 or 109, & PHYS 110 and 111, or 112, or 120 and 130) (Su) CIVE 220 (ENGR 141, MATH 200 (pre- or co-requisite)) (Su) CIVE 242 (ENGR 141; & CSC 110 or 111; & MATH 101; & MATH 110 or 211; & one of PHYS 110 or 120 or 122); one of MATH 200, 201, 204 are pre-corequisites) (Su) CIVE 285 (MATH 100 or 109, & CHEM 101 or 150, & PHYS 110 or 122, & PHYS 111 or 125 or PHYS 112) (Su) CIVE 295 (MATH 101) (Su,F,Sp) MATH 204 (MATH 200 or 205)	
WT	3A	WT	
Work Term	(Sp,F) CSC 349A (CSC 110 or 111; & MATH 110 or 211; & either MATH 200 and MATH 201, or 202 or 204) (Sp) CIVE 310 (CIVE 210; EOS 110 and 120; or GEOG 103) (Sp) CIVE 315 (CIVE 210) (1.0 units) (Sp) CIVE 345 (CIVE 220, 295; MATH 200) (Sp) CIVE 350 (CIVE 220, ENGR 141, MATH 200; MATH 201 or 204) (Sp) CIVE 385 (CIVE 220, 285)	Work Term	
3B	WT	4A	
(F) CIVE 340 (CIVE 210, 345) (2.0 units) (F) CIVE 351 (CIVE 210, 220, 350) (2.0 units) (F) CIVE 352 (CIVE 210, 220, 285, 350) (2.0 units) (F) CIVE 360 (CIVE 200, 210, ENGR 001, and STAT 254 or 260) (F) CIVE 370 (Either ENGR 110, or 112 & ENGL 135; & either ENGR 120, or 121 & 240)	Work Term	2 Complementary Studies Elective 4 Technical Electives * Another OPTION: 1 Complementary Studies Elective 5 Technical Electives	
WT	4B		
Work Term	(Sp) CIVE 400 (All of 310, 315, 340, 345, 350, 351, 352, 360, 370, 385, CSC 349A, ENGR 002) & 6 units of CIVE 400 level or ENGR 004 (2.0 units) (Sp, F) ENGR 498 (ENGR 003) 4 Technical Electives** (9.5 units) Another OPTION: 1 Complementary Studies Elective 3 Technical Electives		

List of Fourth Year Technical Electives (8 electives required)		<i>*Not all technical electives listed may be available</i>	
List A- offered in 4A Summer *		List B- offered in 4B Spring **	
CIVE 410	Solid Waste, Air, and Water Pollution	CIVE 411	Resilient Smart Cities
CIVE 420	Advanced Mechanics of Solids	CIVE 412	Infrastructure Engineering for Indigenous Communities
CIVE 421	Advanced Structural Analysis	CIVE 444	Water and Sanitation for Developing Countries
CIVE 440	Hydrology and Hydraulics	CIVE 445	Groundwater Hydrology
CIVE 450	Green Building Design	CIVE 451	Sustainable Buildings: Retrofitting, Repairs and Recycling
CIVE 456	Sustainability and Advanced Concrete Technology	CIVE 452	Engineering for Earthquakes & Extreme Events
CIVE 480 A,B,C	Special Topics	CIVE 453	Building and District Energy Simulation
CIVE 499	Research Project	CIVE 457	Behaviour and Design of Steel Structures
		CIVE 460	Intelligent Transportation Systems
		CIVE 480 D,E,F	Special Topics
		CIVE 499	Research Project

Calendar Information – January 2022

<https://www.uvic.ca/calendar/future/undergrad/index.php#/programs/HkuEpmCzV?bc=true&bcCurrent=Civil%20Engineering&bcItem=programs>

Academic Regulations

<https://www.uvic.ca/calendar/future/undergrad/index.php#/policies?expanded=Undergraduate%20Academic%20Regulations>

Civil Engineering Website

<https://www.uvic.ca/engineering/civil/undergrad-students/index.php>

Work Term

Students must complete four Co-op work terms (ENGR 001, 002, 003, 004). Work terms are normally of four months duration and alternate with academic terms. **Upon approval**, work terms of 4 months can be combined to 8-, 12-, or 16-month periods of employment. **Students are expected to end their program on an academic term.**

Work Term 1 – ENGR 001

Prerequisites: *ENGR 110 (or ENGR 112; and one of ENGL 135 or ATWP 135), ENGR 130, MATH 100; and at least two of CSC110 or 111, MATH 110 or 211, PHYS 110; and permission of the Faculty.*

Work Term 2 – ENGR 002

Prerequisites: *ENGR 001, ENGR 130; and either ENGR 120; ENGR 121 and ENGR 240 or ENGL 225; and Academic Writing Requirement satisfied; and permission of the Faculty.*

Work Term 3 – ENGR 003

Prerequisites: *ENGR 002, ENGR 130; and either ENGR 120; ENGR 121 and ENGR 240 or ENGL 225; and one of BME 200, CIVE 299, ECE 250, MECH 200, SENG 265; and Academic Writing Requirement satisfied; and permission of the Faculty.*

Work Term 4 – ENGR 004

Prerequisites: *ENGR 003; and one of BME 201, ECE 299, CIVE 285, MECH 285, SENG 275, SENG 299; and permission of the Faculty.*

Maximum Time for Degree Completion

Students not completing their programs within the specified time limits must have their program extension approved by the Dean. The starting month in determining the length of a student's program is the first month in which courses are taken in the BEng or BSEng programs at UVic.

Year of Entry into the BEng or BSEng Program	1	2	3
Normal Time to Complete (months, including work terms)	56	44	28-36
Maximum Time to Complete (months, including work terms)	80	68	48

Curriculum, Advising and Program Planning (CAPP) Report

This report allows you to track your academic progress throughout your studies at UVic. To generate your CAPP report, sign in to My Page, and then access the 'Degree Evaluation' option on the 'Grades & Records' tab under 'Student Services'. Any adjustments to your record, for example, course substitutions or program changes, will be updated manually by the Academic Advisor. Review your CAPP Report regularly.

APPLYING FOR GRADUATION

<http://www.uvic.ca/current-students/home/graduating/undergrad.php>

ACADEMIC ADVISING, BY APPOINTMENT: We are introducing a new on-line appointment booking system for booked appointments. On this site, you will find the instructions for getting started in the "Welcome" window. To book an appointment with your advisor, choose Declared Programs, and the name of your Academic Advisor. <https://uvicecs.mywconline.com/>.