

Program Scheduling Plan Computer 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 <u>UVic</u> <u>Academic Calendar</u>; 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: _

WINTER SESSION		SUMMER SESSION			
FALL	SPRING				
1A	1B	10			
□ CSC 111	□ CHEM 150				
□ ENGR 110 ¹	ENGR 120				
□ ENGR 130	ENGR 141				
□ MATH 100 or 109	□ MATH 101				
□ MATH 110	□ PHYS 111				
□ PHYS 110					
2A Year:	WT Year:	2B Year:			
□ CSC 116	Work Term	□ ECE 216			
□ ECE 241		□ ECE 220			
□ ECE 250		□ ECE 242			
□ ECE 255		□ ECE 260			
□ MATH 200		□ ECE 299			
□ STAT 254		□ MATH 204			
WT Year:	3A Year:	WT Year:			
🗆 Work Term	□ ECE 300	Work Term			
	□ ECE 310				
	□ ECE 320				
	□ ECE 330				
	□ ECE 340				
	\Box ECE 458				
3B Year:	WT Year:	4A Year:			
	U Work Term				
□ ECE 356		□ ECON 180			
□ ECE 399		4 Technical Electives ²			
□ 2 OF: ECE 350, 360, 370 or 380					
□ 1 Natural Science Elective ³					
WT Year:	4B Year:				
□ Work Term					
	\square ENGR 297				
□ ENGR 446 ⁵ (not a class you attend)	□ 1 Complementary Studies Elective ⁴				
	□ 3 Technical Electives ²				

Footnotes:

¹ Students must successfully complete the Academic Writing Requirement (AWR) or ENGR 110 before undertaking their second work term (ENGR 002).

² Students must take a total of **seven** Technical Electives selected from the <u>list of Technical Electives</u> found on the ECE website.

Students from the Camosun Bridge program must take 2 technical electives from the Special Bridge Student's Electives List

3 A Natural Science elective following Canadian Engineering Accreditation Board (CEAB) guidelines. A list of approved electives is found on the ENGR website.

4 A Complementary Studies elective dealing with central issues in humanities or social sciences following CEAB guidelines, and as approved by the Faculty of Engineering's BEng/BSEng Student Programs Committee. A list of approved complimentary studies courses is found on the ENGR website.

5 Students normally take ENGR 446 in the term preceding the final term of their academic program (academic or work term).

Computer Engineering						PREF		REQ FOR		
						CO-F		EQ FOR		
1	ENGR 110		ENGR 130		MATH 100				PHYS 110	
2 116, 349A 255, GR120 CH 458		ENGR 120				MATH 101, PHYS110,111		ECE 260	MATH100 or 109	PHYS111, ECE 216,420
ALL	SPRING, SUI	MMER, FALL	F/	ALL	SPRING, S	JMMER, FALL	F	ALL	FALL	, spring
5 0* 220	ENGI CSC 110 or 111, ENGR 110 or (112, ENGL135)	R 120 ENGR 297	ENG MATH 100 or 109, MATH 110 or 211	R 141 ECE 426	MATH100 or 109	TH 101 MATH200, ECE 250,260, MECH295 Recommended: with PHYS 111	PHYS110, MATH 100 or 102 or 109	/S 111 ECE 216, 220		
	SPR	ING	SPRING	,SUMMER	SPRING, S	JMMER, FALL	SPRING	, SUMMER	1	
		055	000	44.04	50	- 050			074	T 05 44
299, 441	CSC 111	ECE 355, 458, 460,	CSC 110 or 111		MATH 101, PHYS111	E 250 ECE 299, ECE 300, 330,370	MATH101	ECE 216, 220, 403,	MATH 200	ECE 440,463 485
		SENG 475						MECH410,460 STAT254		
	FA	LL	F/	ALL	SUMMER, FALL		SPRING, SUMMER, FALL		FALL	
•									MATH 204	
2	_									CSC349A
	ECE 250, ENGR 120 or 121		PHYS110,111 MATH 201 or 204	434, MECH458,466 ECE 220	or 150; MATH 200, PHYS111 or 112 or 125		110 or 211	310,340,360	or 205	000045/1
२	SUM	MER	SUMME	SUMMER, FALL SUMMER		MMER	SUMMER, FALL		SPRING, S	UMMER, FALL
				/ -						
8 ENG 461,468	ECE 250, 260, MATH201 or 204	ECE 380, 404	ECE 260	ECE 350, 407, 435, 459, 483, 484, 486, 466 471	Min GPA 3.0 in all: ECE 216, 220 or BME320	E 320 ECE 412, 420,452,481	Min GPA 3.0 in all: ECE 216, ECE 250, MATH200	E 330 ECE 350, 380, 461, 462	ECE 216, MATH201 or 204	ECE 404, 43 452, 453
	SPR	ING	SPRING,	SUMMER		RING	SPRING		SPRING	
rd year- 3B ECE 355 ECI										
5 ECE 449, 455, 466, 471, SENG 440, 466	ECE 255	SENG 468	ECE 299, ENGR001, 3rd year standing	ECE 499	ECE 350,	360 370, 380				
1B	FA	LL	F/	ALL	F	ALL	F/	ALL		
9 9	CSC	349A	ECON 180		ENGR 297		ENGR 446 Technical Report		* 1 CS elective ** 7 technical elective	
	CSC110 or 111; MATH 110 or 211, either MATH200 and 201 or MATH 202 or 204		MATH 101,and admission to BEng program		ENGR120 or ENGR240 or ENGL 225		ENGR 002 & 6 units of 400-level courses ENGR 003			
		1	1	1	1		1	1		1
	116, 349A 255, IR120 H 458 ALL 30* 220 1 299, 441 2 2 R R S ECE 449, 455, 466, 471, SENG 440, 466 4B	116, 349A 255, IR120 244 SPRING, SUI 50* ENGI 220 CSC 110 or 111, ENGR 110 or (112, ENGL135) SPR 1 ECE 299, CSC 111 441 FA 2 ECE 241, ECE 250, ENGR 120 or 121 R SUM 8 ECE 250, ENGR 120 or 121 R SUM 8 ECE 250, 260, MATH201 or 204 SPR SPR 5 ECE 250, 260, MATH201 or 204 SPR SPR 5 ECE 250, 260, MATH201 or 204 SPR SPR 9 CSC 48 FA 9 CSC 111; MATH200 or 211; or 111; MATH 110 or 211, either MATH200 or 211, either MATH200 or 211; MATH 202 or MATH	116, 349A, 255, RT 20 ENGR 120 284 458 SPRING, SUMMER, FALL 30* ENGR 120 220 CSC 110 or 111, ENGR 110 or (112, ENGL 135) ENGR 297 111, ENGR 110, (112, ENGL 135) SPRING 1 ECE 255 299, 441 CSC 111 ECE 356, 458, 460, SENG 475 2 ECE 241, ECE 250, ENGR 120 or 121 ECE 309 2 ECE 241, ECE 250, ENGR 120 or 121 ECE 300 R SUMMER SUMMER 8 ECE 300 ENG 461, 468 FS ECE 250, 260, MATH201 or 204 ECE 380, 404 SPRING SPRING SPRING 5 ECE 356 SENG 468 455, 466, 471, SENG 440, 466 FALL 48 SURG 461, 468 ECE 255 SENG 440, 466 FALL 48 SURG 468 466 FALL 9 CSC 349A CSC110 or 1111; MATH 10 or 211, either MATH202 or MATH 202 or	ENGR 120 ENGR 120 R120 SPRING, SUMMER, FALL F/ 10* ENGR 120 ENG 220 CSC 110 or 111, ENGR 110 or (112, ENGL 135) ENGR 297 MATH 100 or 109, MATH 110 or 211 10 or (112, ENGL 135) SPRING SPRING SPRING 299, 441 CSC 111 ECE 355, 488, 460, SENG 475 CSC 110 or 111 2 ECE 299 ECE 299, 441 CSC 111 F/ 2 ECE 290, ECE 241, ECE 250, ENGR 120 or 121 ECE 309 MATH 200, PHYS110,111 MATH 201 or 204 ECE 300 ECE 48, 404, 204 ECE 260, ECE 440, 404 ECE 260, 260, MATH 201 or 204 ECE 260 SPRING SPRING SPRING, SPRING ECE 260 ECE 260 SPRING SPRING SPRING, SPRING, 260, MATH 201 or 204 ECE 260 ECE 260 SPRING SPRING SPRING, SPRING, 260, MATH 201, or 204 ECE 260 ECE 260 SPRING SPRING SPRING, SPRING, 3rd year standing ECE 255 SENG 468 ECE 260 SPRING SPRING SPRING, 3rd year standing SPRING, 3rd y	ENGR 120 ENGR 120 FALL 255, R120 SPRING, SUMMER, FALL FALL 0° ENGR 120 ENGR 141 220 CSC 110 or 111, ENGR 110 or (112, ENGL 135) ENGR 297 MATH 100 or 109, MATH 110 or 211 ECE 426 111 ENGR 297 MATH 100 or 109, MATH 110 or 211 ECE 426 100, MATH 110 or 211 ECE 426 299, 441 CSC 111 ECE 255 CSC 116* CSC 116* 299, 441 CSC 111 ECE 255 CSC 110 or 111 SCS 110 or 111 ECE 216 2 ECE 299 ECE 216 ECE 200, ECE 220, or 121 ECE 399 MATH 200, PHYS110,111 ECE 430,370, 434, MATH 201 or 204 ECE 310 8 ECE 250, or 121 ECE 300 ECE 310 ECE 220 8 ECE 250, 260, MATH 201 or 204 ECE 350 ECE 310 ECE 350, 404 484, 486, 466 SPRING SPRING, SUMMER SPRING, SUMMER SPRING, SUMMER SPRING, SUMMER 5 ECE 356 ECE 299, ENGR001, 3rd year standing ECE 499 ENGR001, 3rd year standing ECE 499 ENGR001, 3rd year standing ECE 499 ENGR	116, 349A 255, R120 ENGR 120 FALL FALL SPRING, SI MATH 100 or 111, ENGR 110 or 111, ENGR 110 or 111, ENGR 110 or 111, ENGR 110 or 111, ENGR 110 or 111, ENGR 110 or 111 ENGR 297 100 or 111, ENGR 110 or 111 MATH 100 or 109, MATH 110 or 211 ECE 426 ECE 426 MATH100 or 109 1 ECE 255 CSC 116* ECE 426 MATH 100, or 111 MATH 100, or 100 or 110 or 211 MATH 100, or 100 or 110 MATH 100, or 109 MATH 100, or 109 2 ECE 255 CSC 116* ECE 400, 111 MATH 200, 204 ECE 340, 370, 204 MATH 200, 204 CHEM101 or 150; MATH 200, 204 CHEM101 or 150; MATH 200, 204 CHEM101 or 120 or 112 or 125 c CHEM101 or 150; MATH 200, 204 CHEM101 or 120 or 112 or 112 or 125 c CEC 216 CEC 216 CE 220 CHEM101 or 150; MATH 200, 204 CHEM101 or 150; MATH 200, 204 CEC 330, 407, 404 MATH 200, 204 CEC 215 SENG 468 ECE 300 ECE 300 ECE 300 ECE 300, 13 or 12 or 13 or 14 CEC 300, 12 or 12 or 12 or 12 or 12 or 12 or 12 or 12 or 12 or 13 or 14 or 14 ECE 300, 12 or 12 or 12 or 12 or 12 or 12 or 12 or 12 or 14 ECE 300, 12 or 12 or 12 or 12 or 12	116, 349. R120 ENGR 120 MATH 101, PHYS110,1111 255. R120 SPRING, SUMMER, FALL FALL SPRING, SUMMER, FALL 14438 SPRING, SUMMER, FALL FALL SPRING, SUMMER, FALL 220 CS C110 or 111, ENCR 110 or (112, ENGL135) ENGR 297 MATH 100 or 110 or 211 MATH 100 or 100 m 109 MATH 100 or 109 MATH 100 MACH202, ECC 230, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2	116.34A 255. R120 ENGR 120 MATH 101, PHYS110,111 116.34A R120 SPRING, SUMMER, FALL FALL SPRING, SUMMER, FALL F 20 CSC 110 or (10 cr (112, ENG 135) ENGR 120 ENGR 141 MATH 101 PHY MATH 100 or (100, MATH 110 or 211 PHY 100 or 211 ENGR 120 PHY 100 or 211 MATH 100 or (100, MATH 110 or 211 PHY 100 or 211 PHY 100 or 211 PHY 100 or 211 MATH 100, or 109 PHYS110, MATH 100 or 211 PHY 100 or 211 SPRING, SUMMER, FALL SUMMER, FALL SUMMER, SUMMER, FALL	1 ENGR 110 ENGR 130 MATH 100 MATH 110 16, 349A ENGR 120 MATH 101 MATH 101 ECE 280 14, 659 SPRING, SUMMER, FALL FALL SPRING, SUMMER, FALL FALL SPRING, SUMMER, FALL FALL 220 CISC 110 or 110 or 112, ENGR 120 ENGR 120 ENGR 121 MATH 100 or 109, MATH 100, FCCE 282, 200, ECE 282, 200, ECE 282, 200, ECE 282, 200, SENG 4155 SPRING, SUMMER SPRING, SUMMER, FALL SPRING, SUMMER, FALL	1 ENGR 110 ENGR 130 MATH 100 MATH 110 MATH 110 MATH 110 PATH 110 PA

- ** Some 4th year courses may be pre/co-requisites for technical electives.
- -Please check list of ECE Technical electives and the special bridge student's elective list
- -Please check the current UVic Calendar for latest updates

-Please contact your Academic Advisor at <u>engradv2@uvic.ca</u> if you find any discrepancies between the calendar and this sheet

*CSC 116 – CSC 115 (Spring, Summer, Fall) ENGR 280 – ECON 180 (Summer, Fall)

ECE 216 - PHYS 216 (Fall)

PHYS 110 – PHYS 120 (Fall) PHYS 111 – PHYS 130 (Spring)

ENGR 240 - ENGL 225 (Spring, Fall)

MATH 110/133 - MATH 211/233A (Spring, Fall)

MATH 201 - MATH 204 (Spring, Summer, Fall)

*STAT 254 – STAT 260 (Spring, Summer, Fall)