

## 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 [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:** \_\_\_\_\_

WINTER SESSION FALL		SPRING		SUMMER SESSION	
<b>1A</b>	<b>1B</b>	<b>1C</b>			
<input type="checkbox"/> CSC 111 <input type="checkbox"/> ENGR 110 <sup>1</sup> <input type="checkbox"/> ENGR 130 <input type="checkbox"/> MATH 100 or 109 <input type="checkbox"/> MATH 110 <input type="checkbox"/> PHYS 110	<input type="checkbox"/> CHEM 150 <input type="checkbox"/> ENGR 120 <input type="checkbox"/> ENGR 141 <input type="checkbox"/> MATH 101 <input type="checkbox"/> PHYS 111				
<b>2A</b> <span style="float: right;">Year:</span>	<b>WT</b> <span style="float: right;">Year:</span>	<b>2B</b> <span style="float: right;">Year:</span>			
<input type="checkbox"/> CSC 116 <input type="checkbox"/> ECE 241 <input type="checkbox"/> ECE 250 <input type="checkbox"/> ECE 255 <input type="checkbox"/> MATH 200 <input type="checkbox"/> STAT 254	<input type="checkbox"/> Work Term	<input type="checkbox"/> ECE 216 <input type="checkbox"/> ECE 220 <input type="checkbox"/> ECE 242 <input type="checkbox"/> ECE 260 <input type="checkbox"/> ECE 299 <input type="checkbox"/> MATH 204			
<b>WT</b> <span style="float: right;">Year:</span>	<b>3A</b> <span style="float: right;">Year:</span>	<b>WT</b> <span style="float: right;">Year:</span>			
<input type="checkbox"/> Work Term	<input type="checkbox"/> ECE 300 <input type="checkbox"/> ECE 310 <input type="checkbox"/> ECE 320 <input type="checkbox"/> ECE 330 <input type="checkbox"/> ECE 340 <input type="checkbox"/> ECE 458	<input type="checkbox"/> Work Term			
<b>3B</b> <span style="float: right;">Year:</span>	<b>WT</b> <span style="float: right;">Year:</span>	<b>4A</b> <span style="float: right;">Year:</span>			
<input type="checkbox"/> ECE 355 <input type="checkbox"/> ECE 356 <input type="checkbox"/> ECE 399 <input type="checkbox"/> 2 OF: ECE 350, 360, 370 or 380 <input type="checkbox"/> 1 Natural Science Elective <sup>3</sup>	<input type="checkbox"/> Work Term	<input type="checkbox"/> ECE 499 <input type="checkbox"/> ECON 180 <input type="checkbox"/> 4 Technical Electives <sup>2</sup>			
<b>WT</b> <span style="float: right;">Year:</span>	<b>4B</b> <span style="float: right;">Year:</span>				
<input type="checkbox"/> Work Term  <input type="checkbox"/> ENGR 446 <sup>5</sup> (not a class you attend)	<input type="checkbox"/> CSC 349A <input type="checkbox"/> ENGR 297 <input type="checkbox"/> 1 Complementary Studies Elective <sup>4</sup> <input type="checkbox"/> 3 Technical Electives <sup>2</sup>				

**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 [list of Technical Electives](#) 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

1<sup>st</sup> year

COURSE	
PREREQ CO-REQ	PREREQ FOR CO-REQ FOR
TERM	

CSC 111	ENGR 110	ENGR 130	MATH 100	MATH 110	PHYS 110
CSC 116, 349A ECE 255, ENGR120 MECH 458	ENGR 120		MATH 101, PHYS110,111	ECE 260	MATH100 or 109 PHYS111, ECE 216,426
SPRING, FALL	SPRING, SUMMER, FALL	FALL	SPRING, SUMMER, FALL	FALL	FALL, SPRING

CHEM 150*	ENGR 120	ENGR 141	MATH 101	PHYS 111	
ECE 220	CSC 110 or 111, ENGR 110 or (112, ENGL135)	ENGR 297 MATH 100 or 109, MATH 110 or 211	ECE 426 MATH100 or 109	MATH200, ECE 250,260, MECH295 Recommended: with PHYS 111	PHYS110, ECE 216, 220 MATH 100 or 102 or 109
SPRING	SPRING	SPRING,SUMMER	SPRING, SUMMER, FALL	SPRING, SUMMER	

2nd year- 2A

ECE 241	ECE 255	CSC 116*	ECE 250	MATH 200	STAT 254*
2 <sup>nd</sup> year standing ECE 299, ECE 441	CSC 111 ECE 355, 458, 460, SENG 475	CSC 110 or 111	MATH 101, PHYS111 ECE 299, ECE 300, 330,370	MATH101 ECE 216, 220, 403, CSC349A, MECH410,460 STAT254	MATH 200 ECE 440,463, 485
FALL	FALL	FALL	SUMMER, FALL	SPRING, SUMMER, FALL	FALL

2nd year- 2B

ECE 242	ECE 299	ECE 216	ECE 220	ECE 260	MATH 204	
MATH 101,110	ECE 241, ECE 250, ENGR 120 or 121	ECE 399 MATH 200, PHYS110,111 MATH 201 or 204	ECE 340,370, 434, MECH458,466 ECE 220	CHEM101 or 150; MATH 200, PHYS111 or 112 or 125 ECE 216	MATH 101, 110 or 211 ECE 300, 310,340,360	MATH200 or 205 CSC349A
SUMMER	SUMMER	SUMMER, FALL	SUMMER	SUMMER, FALL	SPRING, SUMMER, FALL	

3rd year- 3A

ECE 458	ECE 300	ECE 310	ECE 320	ECE 330	ECE 340
ECE 255 or MECH405 SENG 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 MATH204 ECE 412, 420,452,481	Min GPA 3.0 in all: ECE 216, ECE 250, MATH200 ECE 350, 380, 461, 462	ECE 216, MATH201 or 204 ECE 404, 434, 452, 453
SPRING	SPRING	SPRING, SUMMER	SPRING	SPRING	SPRING

3rd year- 3B

ECE 355	ECE 356	ECE 399	2 OF:	* 1 NS elective
ECE 241 or MATH 122, ECE 255 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	
FALL	FALL	FALL	FALL	FALL

4th year- 4A and 4B

ECE 499	CSC 349A	ECON 180	ENGR 297	ENGR 446 Technical Report	* 1 CS elective ** 7 technical electives
ECE 399 or MECH 350 or BME 350, 3 of ECE 310,350,355, 360,370,380 ENGR002, 4th year standing	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	
SUMMER	SPRING, FALL	SUMMER, FALL	SPRING, SUMMER, FALL	SPRING, SUMMER, FALL	

## Equivalent courses:

- \*CHEM 150- CHEM 101 (Summer, Fall)
- ECE 216 – PHYS 216 (Fall)
- ENGR 240 – ENGL 225 (Spring, Fall)
- MATH 110/133 – MATH 211/233A (Spring, Fall)
- MATH 201 – MATH 204 (Spring, Summer, Fall)
- PHYS 110 – PHYS 120 (Fall)
- PHYS 111 – PHYS 130 (Spring)
- \*STAT 254 – STAT 260 (Spring, Summer, Fall)
- \*CSC 116 – CSC 115 (Spring, Summer, Fall)
- ENGR 280 – ECON 180 (Summer, Fall)

## Notes:

- \*Please see the [undergraduate program](#) and [advising](#) webpages for more information
- \*\* Some 4<sup>th</sup> 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 [engradv2@uvic.ca](mailto:engradv2@uvic.ca) if you find any discrepancies between the calendar and this sheet