University of Victoria

Program Planning and Scheduling Worksheet
Electrical Engineering
UG Calendar May 2025

Students are responsible for the completeness and accuracy of their registrations and for the completion of all program requirements as specified in the University of Victoria Academic Calendar; compliance with prerequisite and corequisite requirements; resolving timetable conflicts and scheduling issues that may result from following a nonstandard schedule; understanding Calendar/timetable schedule release dates and academic 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 document do not absolve students from having to complete all of the program requirements. Review updated PSW each term for any changes.

Winter Session FALL - September to December	SPRING - January to April	Summer Session SUMMER – May to August
1A	**1B**	**1C**
(F, Sp) CSC 111 (F) ENGR 110 (F) ENGR 130 (F, Sp, Su) MATH 100 or 109 (F) MATH 110 (F, Sp) PHYS 110	(Sp) CHEM 150 (Sp) ENGR 120 (Sp, Su) ENGR 141 (Sp, Su, F) MATH 101 (Sp, Su) PHYS 111	
2A Year:	**WT** Year:	**2B** Year:
(F) CSC 116 (F) ECE 241 (F, Su) ECE 250 (F) ECE 255 (F, Sp, Su) MATH 200 (F) STAT 254	Work Term	(F, Su) ECE 216 (Su) ECE 220 (Su, F) ECE 260 (Su) ECE 299 (Su) MECH 295 (Su, F, Sp) MATH 204
WT Year:	**3A** Year:	**WT4** Year:
☐ Work Term	(Sp, F) CSC 349A (Sp) ECE 300 (Sp, Su) ECE 310 (Sp) ECE 320 (Sp) ECE 330 (Sp) ECE 340	Work Term
3B Year:	**WT** Year:	**4A** Year:
(F) ECE 350 (F) ECE 355 (F, Sp) ECE 360 (F) ECE 370 (F) ECE 380 (F) ECE 399	☐ Work Term	(Su) ECE 499 (Su, F) ECON 180 4 Technical Electives
WT Year:	**4B** Year:	
Work Term (F, Sp, Su) ENGR 446 Technical Report, course is online, can be completed on a Work Term or Academic Term	(F, Sp, Su) ENGR 297 1 Natural Science Elective 1 Complementary Studies Elective 3 Technical Electives	

- Calendar Information Electrical Engineering May 2025 and Co-op Work Terms
- Faculty of Engineering and Computer Science Requirements (approved course substitutions, academic regulations, maximum time for degree completion, graduation requirements.
- Academic Standing Roadmap
- Electrical Engineering Program Website
- Class Schedule Search
- Course Registration and Waitlist Management
- Important Academic Dates
- Academic Advising Support and Forms
- Applying for Graduation and Iron Ring

Electrical Engineering

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

1ST year

CSC 111		ENGR 130		ENGR 110		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, ATWP135)	ENGR 297	MATH 100 or 109, MATH 110 or 211	ECE 426	MATH100 or 109	MATH200, ECE 250,260, MECH295	PHYS110, MATH 100 or 109 or 102	ECE 216,220,250
SPRING		SPRING		SPRING, SUMMER		SPRING, SUMMER, FALL		SPRING, SUMMER	

2nd year- 2A

ECE 241		ECE 255		CSC 116		ECE 250		MATH 200		STAT 254	
2nd year standing	ECE 355, 441, ECE 299	CSC 111	ECE 355, 356, 363, SENG 475	CSC 110 or 111		MATH 101, PHYS111	ECE 299 ECE 300,330, 370, ENGR003	MATH101	ECE 216, 220, 330, 403, MATH204, CSC349A, MECH410,460 STAT254	MATH 200	ECE 440,463, 485
FALL		FALL		FALL		SUMMER, FALL		SPRING, SUMMER, FALL		FALL	

2nd year- 2B

ECE 216		ECE 220		ECE 260		ECE 299		MECH 295		MATH 204	
MATH 200, PHYS110,111 MATH 201 or 204	ECE 330, 340, 370, 365, MECH458, ECE 220	CHEM101 or 150; MATH 200, PHYS111 or 112 or 125 ECE 216	ECE 320	MATH 101 and110 or 211	ECE 300, 310,,360	ECE 241, ECE 250, ENGR 120 or 121	ECE 399, ENGR004	MATH101		MATH200 or 205	CSC349A, ECE 216, 300, 340, ECE, 320, 402
SUMMER, FALL		SUMMER		SUMMER, FALL		SUMMER		SUMMER		SPRING,SUMMER, FALL	

3rd year- 3A

CSC 349A		ECE 300		ECE 310		ECE 320		ECE 330		ECE 340	
CSC110 or 111; MATH 110 or 211, either MATH200 and 201 or MATH 202 or 204		ECE 250, 260 MATH 201 or 204	ECE 380, 404	ECE 260	ECE 350, 407, 435, 459, 466,471, 483, 484, 486, 499	ECE220, or BME 320, Min GPA3.0 over: MATH204,& PHYS110, PHYS111	ECE 380,412, 420,427, 452,481	Min GPA 3.0 in all: ECE216,250, MATH 200	ECE 380, 461, 462	ECE216, MATH 201, 204	ECE 402, 404, 434, 452, 453
SPRING, FALL		SPRING		SPRING, SUMMER		SPRING		SPRING		SPRING	

3rd year- 3B

ECE 355		ECE 350		ECE 360		ECE 370		ECE 380		ECE 399	
ECE 241 or MATH 122; and ECE 255	ECE 449, 455, 466, 499 SENG 440	ECE 310	ECE 417,450, 456, 499	ECE 260	ECE 426, 460,461,462, 499	ECE 216, 250	ECE 410, 462, 482, 488, 499	ECE 300, 320, 330	ECE 410, 481, 499	ECE 299, ENGR 001 and, 3rd year standing	ECE 499
FALL		FALL		SPRING, FALL		FALL		FALL		FALL	

4th year- 4A & 4B

ECE 499		ECON 180		ENGR 297		ENGR 446 Technical Report		7 technical electives	1 CS elective & 1 NS elective
ECE 399 3 of: ECE310,350,355, 360,370,380 ENGR002, 4th year standing	ENGR 498	MATH 101, admission to BENG program		ENGR 120 or ENGR 240 or ENGL 225 or ENSH202		ENGR 002 & 6 units of 400-level courses ENGR 003			
SUMMER		SUMMER, FALL		SPRING, SUMMER, FALL		SPRING, SUMMER, FALL			

Curriculum, Advising and Program Planning (CAPP) Report

This report allows you to track your academic progress throughout your studies at UVic. You can refer to your CAPP Report (degree evaluation) for information on completed and remaining degree program requirements. Log on to your **Online tools** and select **Student Services** and then **CAPP report/Degree evaluation** under **Grades & records**.

ACADEMIC ADVISING, BY APPOINTMENT: Use the **online appointment booking system** to book an appointment with your engineering program adviser. 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.