University of Victoria | Engineering

Program Scheduling Worksheet
Biomedical Engineering (Mechanical Stream)
UG Calendar May 2024

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.

(F) FALL – September - December	(Sp) SPRING – January - April	(Su) SUMMER – May - August
1A	**1B**	**WT**
(F,Sp) CSC 111 (F) ENGR 130 (F) ENGR 110 (or (F) ENGR 112 + (F,Sp,Su) ENGL135 or ATWP 135) (F,Sp,Su) MATH 100 or MATH 109 (F) MATH 110 or MATH 211 (F,Sp) PHYS 110	(Sp) CHEM 150 or CHEM 101 (Sp) ENGR 120 (or (Sp) 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 Year declared into BME:	**WT** Year:	**2B** Year:
(F) **BME 200** *(CHEM 101 or 150; & one of PHYS 111,112,125,130)* (F,Sp, Su) CHEM 231 *(CHEM 101 or CHEM 150)* (F) CSC 116 *(CSC 110 or CSC 111)* (Su,F) ECE 250 *(MATH 101; & one of PHYS 111, 125, 130)* (F,Sp,Su) MATH 200 *(MATH 101)* (F, Su) MECH 240 *(MATH 101)*	Work Term	(Su) **BME 201** *(CHEM 101 or 150; & one of PHYS 111,125,130)* (F,Su) ECE 216 *(MATH 200; one of PHYS 110,120, 122 & one of PHYS 111, 125, 130 and MAT 204 as pre or co-requisite))* (F,Su) ECE 260 *(MATH 101; & MATH 110 or MATH 211 {211 may be pre- or co-requisite})* (Su,F,Sp) MATH 204 *(MATH 200 or MATH 205)* (Su, Sp) MECH 220 *(ENGR 141 & MATH 200)* (Su, F) MECH 242 *(ENGR 141; one of CSC 110, CSC 111; one of MATH 110, MATH 211; one of PHYS 110, 120, 122; & MATH 204 pre-or co-requisite)*
WT Year:	**3A** *Start of stream choice* Year:	**WT** Year:
Work Term	(Sp) BME 320 *(CHEM 101 or CHEM 150; & PHYS 111)* (Sp) BME 350 *(BME 201 & MECH 220)* **(2.0 units)** (Sp) ECE 330 *(min GPA of 3.0 in all: ECE 216; ECE 250; & MATH 200)* **or** (F) ECE 365 *(one of ECE 216; & ECE 250)* (Sp) MECH 320 *(MECH 220)* (Sp) MECH 335 *(MECH 242)* (Sp,F) MECH 345 *(MECH 220; & MECH 240 or MECH 295; & MATH 200)*	Work Term
3B Year:	**WT** Year:	**4A** Year:
(F) BME 335 *(ECE 216; & one of ECE 330, ECE 365, pre- or co-requisite)* (F,Su) ECON 180 *(MATH 101)* (F) MECH 330 *(MECH 220 & MECH 242; & MATH 110 or MATH 211; & MATH 204)* (F) MECH 380 *(MECH 330 pre- or co-requisite)* (F) STAT 254 *(MATH 200 pre- or co-requisite)* 1 Complementary Studies Elective	Work Term	(Su) BME 499 *(BME 350 or MECH 350; BME 320, BME 335,* **ENGR 002**, *MECH 345 & 4th year standing in BME program)* (Su,F,Sp) ENGR 297 *(one of ENGR 120, ENGR 240, ENGL 225)* 1 Biological Science Electives* 1 Biomedical Electives** 2 Technical Electives***
WT Year:	**4B** Year:	Year:
Work Term ENGR 446, Technical Report **(not a class you attend)** *(ENGR 002 & 6 units of 400-level courses taken within the Faculty of Engineering; &* **ENGR 003** *pre- or co-requisite)*	(Sp,F) CSC 349A *(CSC 110 or CSC 111; & MATH 110 or MATH 211; & MATH 200 & MATH 204)* (Sp,F) ENGR 498 *(ECE 499 as pre-corequisites and* **ENGR 003***)* 1 Biological Science Electives* 1 Biomedical Electives** 1 Technical Electives***	

10.5 units or 7 Biological Science/Biomedical/Technical elective courses in total:
  *   Choose 3.0 units or 2 biological science elective courses over terms 4A and 4B
  **   Choose 3.0 units or 2 biomedical elective courses over terms 4A and 4B;
  *** Choose 4.5 units or 3 biomedical and/or technical elective courses over terms 4A and 4B (at least 1.5 units from the Technical Design Electives).

[Biomedical Engineering Calendar Information May 2024](#)

[Faculty of Engineering and Computer Science Requirements](#) (approved course substitutions, academic regulations, maximum time for degree completion, graduation requirements.

[Academic Standing Roadmap](#)

[Biomedical Engineering Program Website](#)

[Class Schedule Search](#)

[Course Registration](#) and [Waitlist Management](#)

[Important Academic Dates](#)

[Academic Advising Support](#)

[Forms](#)

[Applying for Graduation](#)

[Iron Ring](#)

[CO-OP Work Terms](#)
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.*

[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.

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.