

UVIC PROGRAM PLANNING WORKSHEET – September 2024 entry



BSc in Data Science

Admission to this program is limited. Students who would like to be considered for the program must apply in writing to the [Undergraduate Advisor](#) between April 1st and April 30th.

Admission Requirements:

- Completion of CSC 110, CSC 115, MATH 101 and MATH 122, plus an additional 6.0 units of courses required for the program.
- Minimum C grade in all CSC, ECE, MATH, SENG, STAT and ATWP/ENGL/ENGR/ENSH courses.

Year 1		
Course Requirements	Units	Taken
CSC 110	1.5	
CSC 115	1.5	
MATH 100 or 109	1.5	
MATH 101	1.5	
MATH 110 or 211	1.5	
MATH 122	1.5	
STAT 123	1.5	
Electives <i>Students who have yet to satisfy the Academic Writing Requirement must choose 1.5 units from ATWP 135, ENSH 101 or ENSH 102.</i>	4.5	
Year 2		
Course Requirements	Units	Taken
CSC 225	1.5	
CSC 226	1.5	
CSC 230	1.5	
MATH 200	1.5	
MATH 204	1.5	
MATH 222	1.5	
SENG 265	1.5	
STAT 260	1.5	
STAT 261	1.5	
Electives	1.5	

Year 3		
Course Requirements	Units	Taken
CSC 320	1.5	
CSC 349A or MATH 348	1.5	
CSC 370	1.5	
SENG 474	1.5	
STAT 350	1.5	
STAT 353	1.5	
STAT 354	1.5	
CSC, ECE, SENG or STAT 300/400 lvl	1.5	
Electives	3.0	
Year 4		
Course Requirements	Units	Taken
CSC 421 or ECE 470	1.5	
CSC 445, ECE 403 or STAT 464	1.5	
SENG 401	1.5	
STAT 359	1.5	
STAT 458	1.5	
STAT 469	1.5	
One of STAT 453 - 457, 459, 460, 466	1.5	
CSC, ECE, SENG or STAT 300/400 lvl	1.5	
Electives	3.0	

Recommended electives

CSC 360, CSC 421, CSC 425, CSC 429, CSC 445, CSC 449, CSC 462, ECE 485, SENG 360, STAT 453 – 457, STAT 459.

Minimum Grade Requirement

Students must achieve at least a C grade (60%) in all program-required CSC, SENG, MATH, STAT and English courses. If a C grade is not earned, the course will not count towards degree completion and must be re-taken.

PROGRAM NOTES

Registration

Information on how to build your timetable and register for courses can be found on the Registrar's [website](#).

MATH 100/109

The learning outcomes for both courses are the same, but we recommend that students with no prior exposure to Calculus take MATH 109.

Electives

Electives can be chosen from any unit on campus and may be at any level (unless otherwise indicated). Use these courses to explore different areas of study, or to include a minor in your degree program.

Information on the different minor programs offered can be found in the [Academic Calendar](#) and [here](#).

A list of course that do not have prerequisites can be found [here](#).

Prerequisites and Co-Requisites

Course prerequisites or co-requisites are listed in the course descriptions in the [Academic Calendar](#) and must be satisfied before registering in any given course.

A *prerequisite* must be completed before you can take a course.

A *co-requisite* must be completed either before or at the same time as a particular course.

If you register for a course for which you do not have the required pre- or co-requisites, you will be dropped from the class.

Student Responsibility

Students are responsible for the completeness and accuracy of their registration, and for determining the requirements of their program.

Always read the course descriptions to ensure that you have the pre- or co-requisites, and pay attention to notes on 'mutually-exclusive' and 'cross-listed' courses.

Co-Op

Computer Science students are not required to participate in the co-op program, but it is a great way to complement your studies with real-life work experience. Information on Co-Op can be found [here](#) and [here](#).

Minimum Requirements for Graduation

- Satisfy the Academic Writing Requirement
- Meet all the program-specific requirements
- Complete at least 30.0 of the minimum of 60.0 required units at UVic. 21.0 of these 60.0 units must be at the 300- or 400-level and 18.0 of these 21.0 units must be taken at UVic.

Timeline for Degree Completion

Although this worksheet has been designed according to a full-time, four-year timeline, Computer Science students are not required to organize their degree in this manner and may elect to complete it in more than four years. Students in Canada on a Study Permit and those in receipt of scholarships or financial aid should always check with the issuing organization to see if there are any minimum course-load requirements before opting to pursue part-time studies.

Questions?

Computer Science Academic Advisor
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