

MODEL PLAN FOR ACADEMIC PROGRAM

BSc-COMBINED MAJOR COMPUTER SCIENCE & HEALTH INFORMATION SCIENCE (60 Units)

First Year Required Courses: 15.0 units

Fall	Spring	Summer
<input type="checkbox"/> CSC 110 – Fundamentals of Programming I <input type="checkbox"/> ATWP 135 – Academic Reading and Writing or <input type="checkbox"/> ENSH 101 – Themes in Literature (AWR) or <input type="checkbox"/> ENSH 102 – Literature in Action (AWR) <input type="checkbox"/> HINF 130 – Introduction to Health Information Technology <input type="checkbox"/> EPHE 141 ¹ – Human Anatomy or <input type="checkbox"/> BIOC 102 ¹ – Biochemistry and Human Health or <input type="checkbox"/> BIOL 150A ¹ – Modern Biology or <input type="checkbox"/> BIOL 150B ¹ – Modern Biology <input type="checkbox"/> Math 100 – Calculus I or <input type="checkbox"/> Math 109 – Introduction to Calculus	<input type="checkbox"/> CSC 115 – Fundamentals of Programming II <input type="checkbox"/> HINF 140 – Introduction to the Canadian Health Care System <input type="checkbox"/> MATH 101 – Calculus II <input type="checkbox"/> MATH 122 – Logic and Foundations <input type="checkbox"/> ELECTIVE	

¹ Students with Grade 12 Biology or Physiology and Anatomy must complete a Request for Change to CAPP form and must take 1.5 units of additional elective (which can be one of these courses).

¹ Students without credit for Grade 12 Biology or Physiology and Anatomy must take one these courses.

Second Year Required Courses: 15.0 units

Fall	Spring	Summer
<input type="checkbox"/> CSC 225 – Algorithms and Data Structures I <input type="checkbox"/> HINF 200 – Principles of Health Database Design <input type="checkbox"/> HINF 202 ² – Introduction to Professional Practice <input type="checkbox"/> HINF 230 – Organizational Behaviour and Change Management <input type="checkbox"/> SENG 265 – Software Development Methods <input type="checkbox"/> STAT 255 – Statistics for Life Sciences I or <input type="checkbox"/> STAT 260 – Introduction to Probability and Statistics I	<input type="checkbox"/> HINF 201 – Database Management and Development for Health Care Systems <input type="checkbox"/> HINF 280 – Biomedical Fundamentals <input type="checkbox"/> CSC 226 – Algorithms and Data Structures II <input type="checkbox"/> CSC 230 – Introduction to Computer Architecture <input type="checkbox"/> ENSH 202 – Technical Communications: Written and Verbal or <input type="checkbox"/> ENGR 240 – Technical Writing	CSC 001 or HINF 001 Co-op Work Term 1

² **HINF 202** must be taken prior to first co-op work term.

Normally completion of all courses listed in first 4 terms will be required prior to undertaking the 1st work term.

Students must successfully complete a minimum of three work terms with at least one in each area.

Third Year Required Courses: 15.0 units		
Fall	Spring	Summer
<input type="checkbox"/> CSC 375 – Introduction to Systems Analysis or SENG 321 – Requirements Engineering <input type="checkbox"/> CSC 320 ³ – Foundations of Computer Science or CSC 330 ³ – Programming Languages or CSC 355 ³ – Digital Logic and Computer Organization or CSC 360 ³ – Operating Systems <input type="checkbox"/> HINF 3XX <input type="checkbox"/> HINF 3XX <input type="checkbox"/> ELECTIVE	CSC 002 or HINF 002 Co-op Work Term 2	<input type="checkbox"/> CSC 320 ³ – Foundations of Computer Science or CSC 330 ³ – Programming Languages or CSC 355 ³ – Digital Logic and Computer Organization or CSC 360 ³ – Operating Systems <input type="checkbox"/> HINF 3XX <input type="checkbox"/> ELECTIVE <input type="checkbox"/> ELECTIVE <input type="checkbox"/> ELECTIVE
³ Select 3.0 units from CSC <u>320/330/355/360</u> , <u>SENG 321</u> ; these must fit into the Fall and/or Summer terms and cannot include <u>CSC 371</u> .		

Fourth Year Required Courses: 15.0 units		
Fall	Spring	Summer
CSC 003 or HINF 003 Co-op Work Term 3	<input type="checkbox"/> HINF 4XX <input type="checkbox"/> HINF 4XX <input type="checkbox"/> CSC 4XX ⁴ <input type="checkbox"/> CSC 4XX ⁴ <input type="checkbox"/> CSC 497 – Interdisciplinary Project	<input type="checkbox"/> CSC 4XX ⁴ <input type="checkbox"/> HINF 485 or SENIOR ELECTIVE ⁵ <input type="checkbox"/> SENIOR ELECTIVE <input type="checkbox"/> SENIOR ELECTIVE ⁵ <input type="checkbox"/> SENIOR ELECTIVE ⁵
⁴ One of these courses may be SENG at the 400 level. ⁵ Students are required to select a minimum of 6.0 units of senior electives must be at the 300 level or higher and include at least 3 units chosen from HINF, CSC or SENG. (*excluding CSC 371)		

Please see the BC Transfer Guide for course equivalencies <https://www.bctransferguide.ca/>

We encourage you to monitor your progress through the program by running a degree evaluation report (CAPP) to determine which components of the program you have successfully completed, and which are outstanding.

To access and learn how to read your degree evaluation report (CAPP) go to:
<https://www.uvic.ca/current-students/home/planning/capp-report/index.php>

Refer to the University of Victoria [Academic Calendar](#) for complete lists of course selection and program requirements. In the case of discrepancy, the Academic Calendar must be considered the definitive authority.

You are responsible for the completeness and accuracy of your registration and for determining the requirements of your program at UVic.

For **Academic Advising** please email hinfugadviser@uvic.ca