

COMBINED MAJOR IN SCIENCE

<http://www.cms.science.ubc.ca/home>

Chemistry (CHEM), Mathematical Sciences – Computer science (CPSC), Physics & Astronomy – Physics (PHYS)

First Year	☐ MATH 100 (or equiv.) ☐ MATH 101 (or equiv.)	☐ CHEM 111 or CHEM 121 or CHEM 141 ☐ CHEM 123	☐ CPSC 110 or CPSC 111 or CPSC 103+107 ☐ CPSC 121	☐ PHYS 106 or PHYS 117 or PHYS 131 ☐ PHYS 108+119 or PHYS 118+119	☐ SCIE 113
CMS Core courses	☐ STAT 200 (or equiv.) ☐ Computing req. (see main PDF) ☐ SCIE 300 ☐ _____ ☐ _____	☐ CHEM 203 or 211 or 233+235 ☐ CHEM 341 ☐ CHEM PKG Course 1 ☐ CHEM PKG Course 2 ☐ _____	☐ CPSC 221 ☐ CPSC PKG Course 1 ☐ CPSC PKG Course 2 ☐ CPSC PKG Course 3 ☐ _____	☐ PHYS 200 or 203 ☐ PHYS pkg Course 1 ☐ PHAS pkg course 1 ☐ PHAS pkg course 2 ☐ _____	☐ Arts (see main PDF) ☐ Arts (see main PDF) ☐ Arts (see main PDF) ☐ Arts (see main PDF) ☐ _____ ☐ _____

1. CHEMISTRY (CHEM) CMS PKG COURSES:

- 6 credits CHEM courses 300- or 400- level (except: CHEM 300, CHEM 448); Recommended courses CHEM 304, 305, 327, 402, 404, 406, 417

2. MATHEMATICAL SCIENCES – COMPUTER SCIENCE (CPSC) CMS PKG COURSES:

- 9 credits of CPSC courses 300- or 400-level
 - Recommended courses: CPSC 302, 303, 304, 312, 314, 320, 322, 340, 402, 406, 420, 421, 422, 430, 445. Note: Some courses have additional prerequisites

3. PHYSICS (PHYS) CMS PKG COURSES:

- All PHYS courses at the 300- or 400-level, except PHYS 348

4. PHYSICS & ASTRONOMY (PHAS) CMS PKG COURSES:

- All PHYS and ASTR courses at the 300- or 400-level, except PHYS 348
- Recommended: PHYS 301*, 304, 305, 309*, 312*, 314*, 315*, 318, 319*, 330, 333, 404, 405, 420; ASTR 300, 333, 403, 406, 407 (*have additional pre-requisites)