

COMBINED MAJOR IN SCIENCE

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

Chemistry (CHEM), Physics & Astronomy – Astronomy (ASTR), Mathematical Sciences (MASC) - Mathematics

First Year	☐ MATH 100 (or equiv.) ☐ MATH 101 (or equiv.)	☐ CHEM 111 or CHEM 121 or CHEM 141 ☐ CHEM 123	☐ PHYS 106 or PHYS 117 or PHYS 131 ☐ PHYS 108+119 or PHYS 118+119	☐ CHEM 111 or CHEM 121 or CHEM 141 ☐ CHEM 123	☐ 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 ☐ _____	☐ PHYS 200 or PHYS 203 ☐ ASTR PKG Course 1 ☐ ASTR PKG Course 2 ☐ PHYS PKG Course 1 ☐ _____	☐ MATH 200 or 221/111 ☐ MATH PKG Course 1 ☐ MATH PKG Course 2 ☐ MATH PKG Course 3 ☐ _____	☐ 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. ASTRONOMY (ASTR) CMS PKG COURSES:

- ASTR 300, 333, 403, 406, 407
- All PHYS courses at the 300- or 400-level, except PHYS 348

3. MATHEMATICAL SCIENCES (MASC) - MATH CMS PKG COURSES:

- MATH courses at the 300- or 400-level; recommended: MATH 302, 307, 317, 340, 360. Some courses may have additional pre-requisites. Pay particular attention to the credit-exclusion list (UBC calendar)