

ASSOCIATE of SCIENCE DEGREE in CHEMISTRY

(ASc - Chemistry)

The Associate Degree was created in 1991 in recognition of full completion of the first two years of a Bachelor degree in either Arts or Science. Initially intended as an exit credential for those deciding not to further their education beyond that point, it has taken on a new role for academic transfer to a recognized degree-granting institution. An Associate Degree will guarantee transfer of 60 receiving institution transfer credits, but still requires the make-up of any missing core courses at the receiving institution in their first two years. All courses counting must have transfer credit to at least one of UBC, SFU, UVic or UNBC. In effect, students receive transfer credit for every course completed within the Associate Degree even if any particular course does not have course-to-course transfer equivalency at that receiving institution.

English

Two ENGL 1100 or higher level courses

First Year Mathematics

MATH 1120 and MATH 1220

Note : Students transferring to UBC may also take MATH 1130 and 1230. Ask a Math instructor if uncertain about course choice.

First Year Science

Note : plan ahead for second year prerequisites

CHEM 1110 and CHEM 1210
PHYS 1120 (or 1101)* and PHYS 1220

*verify best choice

plus

2 other sciences chosen from:

BIOL 1110, 1210
CPSC 1100, 1103, 1204, 1205
GEOG 1110, 1120
GEOL 1210
MATH 1115

Notes:

UBC requires BIOL 1110 if lacking either Biology 11 or 12, and may allow 1 arts course to replace one of the "other" 1st year sciences

UBC may accept PHYS 1100 + 1120 (or 1101) instead of 1120 + 1220 - verify this first

SFU requires only one additional science

UNBC requires BIOL 1110 and 1210

Second Year Science

CHEM 2320 and CHEM 2420
and two* of: CHEM 2310**, 2315 and 2410
**taking three provides smoother transfer to UBC, SFU and UNBC, but 2410 may not always be offered - check with an instructor*
***Students transferring to UVic may take Chemistry 2311 instead of Chemistry 2310.*

Second Year Mathematics

UBC requires MATH 2232 and 2321
SFU requires MATH 2232 and 2321
UVIC requires any two of:
MATH 2232, 2321, 2322, 2421
UNBC requires MATH 2232 and one of
MATH 2322 or 2315

Other Courses

Any four courses, at least two chosen from:
ANTH, CRIM, ECON, FINA, FREN, GEOG
(not those listed under science), GERM, HIST,
JAPN, LING, MAND, MUSI, PHIL, POLI,
PSYC, SOCI or SPAN

Notes:

All four must have transfer credit status
SFU requires only three "other" courses
Where taking seven 2nd year courses, one less "other" course is required
UNBC requires CPSC 1103 as one "other" course

Missing make-ups outside the Associate Degree

UBC CHEM 201 + 202 (our CHEM 2310 + 2410 together); SFU CHEM 230/236 (our CHEM 2410) and 260, but our CHEM 2310 exempts SFU

CHEM 360; UVIC CHEM 213, 222 and 235; UNBC 202 (our CHEM 2410) and UNBC CHEM 204 (our BIOL 2321 + 2421 transfers as UNBC CHEM 204 and BIOL 311)

CHEM 1105, MATH 1112 or PHYS 1100 may be counted within an Associate of Science under very limited conditions - generally it is best to confirm this in advance with the university you plan to attend.

Transfer status may vary from institution to institution. Please be sure to confirm the transfer status at each university or other institution you are considering for degree completion.

An average overall grade of C (cumulative GPA of 2.0 or its equivalent), calculated on all courses passed and counting towards the Associate Degree, must be achieved.

Remember, it is important to verify your academic program with an Educational Advisor.

