

Honours Arts & Science and Sustainable Chemistry

ADMISSION

Completion of Arts & Science I with a grade point average of at least 6.0 and an average of at least 6.0 in CHEM 1A03, 1AA3.

NOTES:

1. See additional notes in the Undergraduate Calendar, Faculty of Science, Department of Chemistry and Chemical Biology.
2. Six units from the following list are required: ARTSSCI 3B03, 3BB3, 3RL3/3S03. Students who choose to take ARTSSCI 3RL3 or 3S03 may only use one of those courses towards satisfying 3 units of the requirement. Students are encouraged, however, to take additional units from this list as an elective.
3. Nine units of Upper-Level Inquiry beyond Level I are required. Of these 9 units, only 3 units can come from Level III Inquiry courses (ARTSSCI 3C03, 3CL3, 3CU3, 3EH3, 3GJ3, 3TR3); at least 6 units of Level IV Inquiry courses (ARTSSCI 4CB3, 4CD3, 4CF3, 4CI3, 4CP3, 4CT3, 4DS3, 4EP3, 4HS3, 4LI3, 4LT3, 4ST3, 4VC3) are required. Additional units of Upper-Level Inquiry may be included as an elective with the permission of the Director.
4. Students are recommended to take CHEM 2SC3 in Level II when possible.
5. Students considering postgraduate studies in Chemistry should note that 18 units of Level IV Chemistry or related subjects are required for consideration for admission at McMaster and most graduate schools in Canada. Such students are recommended to take CHEM 4G12 for their thesis.
6. Students who select CHEM 4G12 will take six units of Electives; students who select ARTSSCI 4A06, 4C06, or CHEM 4RP6 will take twelve units of Electives.

COURSE LIST 1

CHEM 2A03, 2II3, 2LB3, 2OD3, 2OG3, 2P03, 3AA3, 3EP3 A/B S, 3I03, 3II3, 3LA3, 3OA3, 3PA3, 3PC3, 3RC3, 3RP3, 4AA3, 4D03, 4IA3, 4IB3, 4IC3, 4II3, 4OA3, 4OB3, 4PB3, 4Q03, 4RP6 A/B S, 4W03; CHEMBIO 3BM3, 3OA3, 3OB3, 3P03, 4A03, 4OA3, 4OB3, 4Q03

COURSE LIST 2

BIOLOGY 3EI3, 3ET3; EARTHSC 2GG3, 3CC3, 4CC3; ENVIRSC 2B03, 2C03, 2Q03, 2WW3, 3O03, 4EA3, 4N03; ENVSOCTY 2EI3, 3EC3, 3EE3, 3ER3, 4HH3; HTHSCI 4MS3; LIFESCI 2X03; POLSCI 3GC3; SUSTAIN 2S03, 3S03

REQUIREMENTS

120 units total (Levels I-IV), of which 48 units may be Level I

- 24 units ARTSSCI 1A03, 1AA3, 1B03, 1BB3, 1C06, 1D06
 - 6 units CHEM 1A03, 1AA3
- 18 units ARTSSCI 2A06, 2D06, 2E03, 2R03
 - 6 units from ARTSSCI 3B03, 3BB3, one of 3RL3/3S03 (see Note 2)
 - 3 units Level III or IV ARTSSCI Inquiry (see Note 3)
 - 6 units Level IV ARTSSCI Inquiry (see Note 3)
 - 3 units CHEM 2SC3 (see Note 4)
 - 3 units CHEM 2Q03
- 12 units from CHEM 2A03, 2II3, 2LB3, 2OD3, 2OG3, 2P03
 - 3 units from CHEM 3SC3, CHEM 4SC3
- 6-12 units: one of ARTSSCI 4A06, 4C06, CHEM 4RP6, or 4G12 (see Note 5 and Note 6)
 - 9 units from Course List 1
 - 3 units from Course List 2
 - 6 units from Course List 1 or Course List 2
- 6-12 units Electives (see Note 5 and Note 6)