

Honors Chemistry Requirements (72)

Foundation Courses

- CHEM 101 - Introductory University Chemistry I
- CHEM 102 - Introductory University Chemistry II
- MATH 125 - Linear Algebra I

3 units from:

MATH 134 - Calculus for the Life Sciences I

MATH 144 - Calculus for the Mathematical and Physical Sciences I _____

3 units from:

MATH 136 - Calculus for the Life Sciences II

MATH 146 - Calculus for the Mathematical and Physical Sciences II _____

3 units from:

PHYS 124 - Particles and Waves

PHYS 144 - Newtonian Mechanics _____

3 units from:

PHYS 126 - Fluids, Fields, and Radiation

PHYS 146 - Fluids and Waves

PHYS 181 - Relativity, Electricity and Magnetism _____

Senior Courses

- BIOCH 200 - Introductory Biochemistry
- CHEM 211 - Quantitative Analysis I
- CHEM 213 - Quantitative Analysis II
- CHEM 241 - Introduction to Inorganic Chemistry
- CHEM 261 - Organic Chemistry I
- CHEM 263 - Organic Chemistry II
- CHEM 282 - Atomic and Molecular Structure
- CHEM 313 - Instrumentation in Chemical Analysis
- CHEM 361 - Organic Chemistry
- CHEM 371 - Energetics of Chemical Reactions

3 units from

CHEM 333 - Inorganic Materials Chemistry

CHEM 343 - Advanced Inorganic Chemistry _____

6 units from

CHEM 401 - Introduction to Chemical Research _____

CHEM 403 - Chemical Research

CHEM 499 - Advanced Chemical Research and Training (6 units) _____

3 units from

BIOCH or CHEM at the 300-level _____

9 units from

CHEM at the 400-level

- COMM
- COMM
- IND
- BO__
- BO__
- BSBS
- BSFS
- BSSS
- LAB

Notes:

1. The Honors in Chemistry degree program is accredited by the Canadian Society for Chemistry.