

CHEMISTRY – MINOR (ARTS)

CHEM-Y

Subject: Administered by the Department of Chemistry.

Plan: Consists of 36.00 units as described below.

Program: The Plan, in combination with a Major Plan in another subject, and with sufficient electives, will lead to an Honours Bachelors Degree.

Note: Requirements for this program have been modified. Please consult the 2023-2024 (<https://queensu-ca-public.courseleaf.com/archive/2023-2024/>)*Calendar* for the previous requirements.

Code	Title	Units
1. Core		
A. Complete 6.00 units from the following:		6.00
CHEM 109	General Chemistry I: From Atoms to & CHEM 110 Matter and General Chemistry II: Thermodynamics and Kinetics	
or		
CHEM 112	General Chemistry	
2. Option		
A. Complete 3.00 units from the following:		3.00
CHEM at the 300-level		
B. Complete 21.00 units from the following:		21.00
CHEM at any level		
3. Supporting		
A. Complete 6.00 units from the following:		6.00
MATH 120	Differential and Integral Calculus	
or		
MATH 121	Differential and Integral Calculus	
or		
MATH 123	Differential and Integral Calculus I & MATH 124 and Differential and Integral Calculus II	
Total Units		36.00

4. Substitutions

A. Students who have completed CHEM 113 and CHEM 114 may take CHEM 117 to gain general chemistry laboratory experience. While this sequence totals 7.50 units, it is considered equivalent to CHEM 112 and may be used to fulfill **Core 1.A.** of the Chemistry Minor (Arts) Plan when applicable; the additional 1.50 units will be directed to the student's elective requirement.

5. Notes

A. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, HSCI, LAW, NURS, and courses offered by Smith Engineering.