

Curriculum Overview:

Chemistry 2202 is an academic Pan-Canadian science course that aims to develop scientific literacy. Scientific literacy is an evolving combination of the science related attitudes, skills, and knowledge students need to develop inquiry, problem-solving, and decision-making abilities; to become lifelong learners; and to maintain a sense of wonder about the world around them.

NOTE: Chemistry 2202 is pre-requisite for Chemistry 3202.

Authorized Learning Resources:

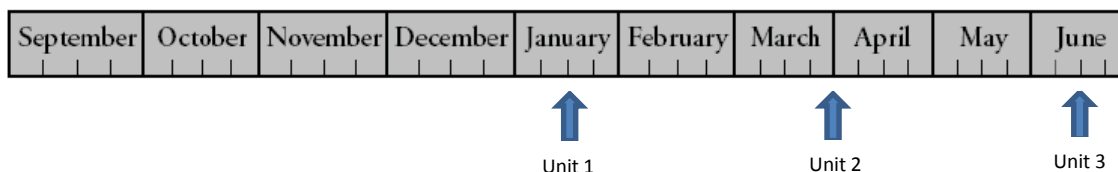
Curriculum Guide:

<http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/science/index.html>

Resource List:

http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_science_chemistry2202_2013.pdf

Estimated Completion



Course Sequence:

Unit 1: Stoichiometry (55h–46%)

Core Lab 1: *Determining the Empirical Formula of $Mg(OH)_2$*

OR *Determining the Chemical Formula of a Hydrate*

Core Lab 2: *Determining Percent Yield of a Chemical Reaction*

Core STSE 1

Unit 2: Structures to Properties (35h–29%)

Core Lab 3: *Modeling Molecules*

Core Lab 4: *Investigating Properties of Water*

Core STSE 2

Unit 3: Organic Chemistry (30h–25%)

Core Lab 6: *Structures and Properties of Aliphatic Compounds*

Core Lab 7: *Preparing a Carboxylic Acid Derivative*

Core STSE 3

Assessment and Evaluation:

The evaluation of this course is governed by your regional assessment and evaluation policy of NLESD. Please refer to the appropriate policy when creating a yearly plan

https://www.nlesd.ca/about/doc/policies/archive/central/800.9_policy.pdf

https://www.nlesd.ca/about/doc/policies/archive/eastern/1_IL.pdf → (Specific Course Breakdown Information)

<https://www.nlesd.ca/about/doc/policies/archive/labrador/112.pdf>

<https://www.nlesd.ca/about/doc/policies/archive/western/501.1.pdf>