

### Curriculum Overview:

Biology 2201 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.

### Authorized Learning Resource:

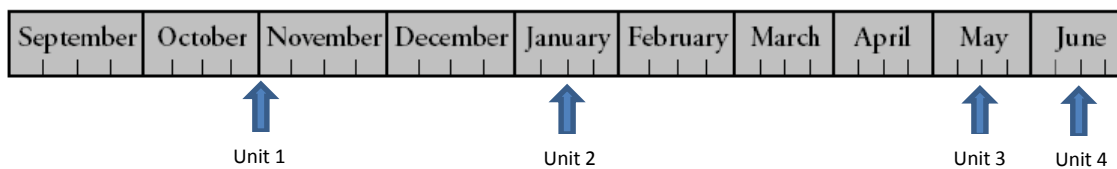
Curriculum Guide:

<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\\_biology2201\\_2013.pdf](http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_science_biology2201_2013.pdf)

### Estimated Completion



### Course Sequence:

#### Unit 1: Matter and Energy for Life (27h–24%)

Core Lab 1: *Caring For and Using the Microscope &*

Mini Lab: *Observing Stained Cells*

Core Lab 2: *Osmosis in a Model Cell*

#### Unit 2: Biodiversity (32h–29%)

Core Lab 3: *Creating a Dichotomous Key*

Core STSE 1

#### Unit 3: Maintaining Dynamic Equilibrium I (42h–38%)

Core Lab 4: *The Effects of Stress on Blood Pressure*

Core Lab 5: *Measuring Respiratory Volumes*

Core Lab 6: *What's Here? Testing*

*Macromolecules*

Core STSE 2

Core STSE 3

#### Unit 4: Interactions among Living Things (10h–9%)

Core Lab 7: *Sampling Hare Populations*

### 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/central/800.9_policy.pdf)

[https://www.nlesd.ca/about/doc/policies/archive/eastern/1\\_IL.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>