

## General Guidelines for Teaching Subjects

Any course offered by the teaching subject in question is eligible if it counts toward a degree in that subject area. A majority of an applicant's credits must be within the applicable teaching subject areas. However, the following subject areas are also acceptable support courses for teaching subjects.

**Anishnaabemowin (Ojibwe):** Language fluency, knowledge of and experience with storytelling, land-based learning, and Anishinaabe / Haudenosaunee culture and teachings.

**Dramatic Arts:** courses in theatre performance, history/theory of theatre, dramatic literature. You may include up to 1.0 credit in film studies towards teaching subject requirements.

**English:** You may include up to 1.0 credit in classical literature towards teaching subject requirements.

**Environmental Science:** Credits from Environmental Science, Environmental Studies and/or Earth Science.

**First Nations, Metis, and Inuit Studies:** You may include 1.0 credit in an Aboriginal language towards teaching subject requirements.

**French:** French grammar, translation, linguistics, literature (when taught in French), Quebec history/culture (when taught in French). Students should present oral and written fluency in French, and a solid foundation in grammar.

**Geography:** geology, climatology, geomorphology, hydrology. 1.0 credit in Canadian geography is recommended.

**History:** You may include up to 1.0 credit in ancient history and classics towards teaching subject requirements. 1.0 credit in Canadian history is strongly recommended.

**Health and Physical Education:** Courses from kinesiology and health science (i.e. human anatomy, physiology, immunology, biomechanics, nutrition), health studies (i.e. health economics, anthropology of health, sociology of sport, health psychology, physiological psychology). You may include up to 1.0 credit in developmental psychology towards teaching subject requirements.

**Mathematics:** Applicants are encouraged to have courses in calculus, algebra, geometry, and statistics. You may include 1.0 credit in one of the following areas: actuarial science, accounting, statistics, or computer science. To be counted toward the mathematics teaching subject, acceptable statistics courses need to be recognized as eligible for counting as part of a mathematics degree in the granting institution. Acceptable computer science courses need to address areas such as programming, modelling, data structures, and algorithms. The 1.0 credit limit still applies to such statistics and computer science credits.

**Science - Biology:** anatomy, biochemistry, ecology (science-based), genetics, microbiology, physiology, biomechanics.

**Science - Chemistry:** biochemistry, chemical physics, toxicology; analytic/organic/inorganic chemistry. Engineering Science courses with strong Chemistry content may be eligible for consideration.

**Science - Physics:** basic mechanics, biomechanics, optics, wave theory, electromagnetism, electrical circuits, thermodynamics, and quantum physics. You may include up to 1.0 credit in Astronomy. Engineering Science courses with strong Physics content may be eligible for consideration.

**Visual Arts:** comprehensive studio practice courses in drawing, painting, sculpture, printmaking or photography. Students should also have at least one course in Art History, preferably a full-year survey course.