

# The School of Education

## Faculty

### Avril Aitken

B.Ed., M.Ed. (McGill), Ph.D. (Ottawa); Full Professor,  
Graduate Program Coordinator

### Eva Mary Bures

B.A. (Reed College), M.A., Ph.D. (Concordia); Full Professor

### Julie Desjardins

B.Sc. M.A., Ph.D. (U. de Montréal), M.BA (U. Laval); Full Professor, Dean

### Anthony Di Mascio

B.A., B.Ed., M.A. (Toronto), Ph.D. (Ottawa); Full Professor

### Trevor Gulliver

B.A.(Trent), M.A.(Leicester), Ph.D. (Ottawa); Full Professor

### Sunny Man Chu Lau

B.A., M.A., M.Ed. (Hong Kong), Ph.D. (OISE/UT); Full Professor

### Joanne Pattison-Meek

B.A., M.A. (Guelph), B.Ed., Ph.D. (OISE, University of Toronto);  
Associate Professor, Director of Practice Teaching

### Jessica Prioletta

B.Comm. (McGill), B.Ed. (Concordia), M.A. (McGill), Ph.D. (OISE/UT);  
Assistant Professor

### Lisa Taylor

B.A., B.Ed., M.A., Ph.D. (OISE); Full Professor

### Dawn Wiseman

BEng (Concordia), MA (Concordia), PhD (University of Alberta);  
Associate Professor, Departmental Chair

### Colette Yellow-Robe

B.A., M.A., Ph.D. (University of Nebraska-Lincoln); Assistant Professor

- B.Ed. in Teaching and Learning of the Creative Arts (Drama, Fine Arts and Music concentrations)
- B.Ed. in Teaching English as a Second Language

Students in all B.Ed. programs are required to pass the English Exam for Teacher Certification (EETC) approved by the *Ministère de l'Éducation, et de l'Enseignement supérieur* (MEES) prior to the third practicum. Success on this exam is a requirement for progression through the program. Information about the cost and the procedures for this test is available from the School of Education.

Successful completion of one of these programs results in a recommendation to the *Ministère de l'Éducation, et de l'Enseignement supérieur* (MEES) for teacher certification in the Province of Quebec. Prior to certification, students will be subject to a judicial background check performed by the *Ministère de l'Éducation, et de l'Enseignement supérieur* (MEES).

Students who have completed an initial degree in a discipline other than Education either at Bishop's or another university requesting entry into any program may require at least three to four years to complete the course of studies, depending on their academic record.

## Costs

In addition to the costs listed in the Fees section of this Calendar, students are responsible for all travel and accommodation costs related to the required student teaching practica in the Bachelor of Education degree.

## General Regulations

### 1. Academic Standing for B.Ed. programs in Education:

Notwithstanding the University regulations on Academic Standing, the School of Education has its own regulations on Maintenance of Good Standing.

Students in the Bachelor of Education programs must maintain a cumulative average of 70% or more to remain in good standing. Once students have completed two academic semesters, their averages will be calculated on all courses attempted. Failures will be included in the calculation of this average. If a failed course is repeated, or if a passed course is repeated to achieve a higher mark, the second attempt in either case will be used in the cumulative average.

After two semesters, students with cumulative averages less than 50% must withdraw from the program; those with cumulative averages between 50% and 69% will be permitted to remain in the Education program for one semester on probation in which they must improve their cumulative average to 70%. Students who do not achieve that standard will not be eligible to continue in the Education programs at Bishop's University. Students have the right to appeal this decision to the Review Committee of the School of Education.

## Program Overview

The School of Education offers four programs leading to teacher certification. It also offers minors. As a teaching and learning institution, the School of Education works in collaboration with the greater educational community, and is dedicated to developing reflective and exemplary educators. Our graduates are prepared to assume leadership roles in education as a result of theory and practice oriented courses founded on the principles of equity, responsibility, and respect for individual dignity.

### Undergraduate Studies

Students complete an undergraduate program (four years for Quebec students or five years for students from outside Quebec) which includes four options:

- B.Ed. in Teaching and Learning at the Elementary Level
- B.Ed. in Teaching and Learning at the Secondary Level (English, Mathematics, Science and Technology, and Social Sciences profiles)

Students who fail to maintain good standing in the School of Education will be required to withdraw from the Education program. They must make a choice of an alternate degree program at the university by the end of two consecutive semesters following their withdrawal. Should they fail to do so or to be accepted into an alternate program, they will not be permitted to register as full-time students in the next semester.

A student who fails to maintain a cumulative average of 70% in the semester prior to the final practicum will be compelled to withdraw from the Bachelor of Education program and will not be permitted to register for the final practicum.

## 2. Brevet d'enseignement (Teaching Certificate)

Students who have successfully completed all academic and practicum requirements of their program will be eligible to apply for the Quebec Brevet d'enseignement (Teaching Certificate).

The *Ministère de l'Éducation, et de l'Enseignement supérieur* (MEES) requires a Declaration concerning a student's judicial record prior to certification.

## 3. Practica (Student Teaching)

Students must successfully complete the requirements of all practicum components in order to complete the B.Ed. with a recommendation to the *Ministère de l'Éducation, et de l'Enseignement supérieur* (MEES) for the "brevet d'enseignement". The practicum components are evaluated as follows:

- Introduction to Professional Practice (EDU 128 / EDU 129): numerical grade
- Practicum II (EDU 228 / EDU 229): (P) pass or (F) fail.
- The Professional Practice Practicum (EDU 328 / EDU 329): (P) pass or (F) fail (Access to the third-year practicum is dependent on successful completion of the English Exam for Teacher Certification.)
- The Internship (EDU 428 / EDU 429): (P) pass or (F) fail.

Students completing the Introduction to Professional Practice (EDU 128 / EDU 129), Reflective Practicum (EDU 228 / EDU 229), and Professional Practice (EDU 328 / EDU 329) practicum and receiving a failing numerical grade or grade of F, may only be permitted to continue in their School of Education program with the School's approval. In the case of a failure in the Internship (EDU 428 / EDU 429), the student must withdraw from the Bachelor of Education program.

Students removed from any practicum course before its completion as a result of an unsatisfactory report submitted by an associate teacher, school principal or university supervisor risk being withdrawn from the program. Final decisions regarding removal from the program rest with the School of Education. Cases of this kind will be referred to the School's Review Committee for a decision regarding continuation in the program.

Placements are made in schools throughout the province according to criteria established by the School of Education. Student teachers may have additional travel and accommodation costs during a practicum.

Further information and regulations concerning Practice Teaching are contained in the Practice Teaching Handbook.

## 4. Transfer Credits

Students may obtain advanced credits for courses which meet the teaching subject requirements and for courses which have appropriate content and meet program requirements.

## 5. Distinctions

The notation "with Distinction" will appear on the transcript of students who graduate with a cumulative average of 80% or more. To be awarded a degree with distinction, students must not only achieve first class academic standing in their courses, (cumulative average of 80% or more) but must also perform at a highly successful level in all practicum components as evaluated by the Dean of the School of Education in consultation with the Director of Practice Teaching and faculty members whose courses are directly associated with the student's practicum sessions.

## 6. Review Committee

Students encountering difficulty in practicum placements or in academic courses may be required to meet with the Review Committee of the School of Education for recommendations or decisions regarding their situation.

## B.Ed. in Teaching and Learning at the Elementary Level

CONELE

The Elementary teacher education program at Bishop's University leads to a Bachelor of Education in Teaching and Learning. This degree is required in order to be eligible for a teaching licence. Students are prepared to teach a broad range of subjects that can be found in the elementary curriculum, including English, Mathematics, Science, History and Global Studies, Geography, Ethics and Religious Culture, and the Creative Arts.

### Overview of Total Program Credits

In order to earn a Bachelor of Education in Teaching and Learning at the Elementary Level, students must complete a 150-credit program. Students entering with a DEC from a Quebec CEGEP will normally be awarded 30 advanced credits. Mature students and students transferring from another university may be awarded certain advanced credits. Students entering without a completed DEC from a Quebec CEGEP and without any advanced credits are required to earn a total of 30 elective credits in addition to the 120 credits plus labs listed below.

### Foundational Courses (42 credits + 2 Labs)

- EDU 102 Philosophy of Education
- EDU 107 Child Development and Elementary Teaching
- EDU 122 Using Technology to Support Learning
- EDU 138 Foundations of the Teaching Profession (Elementary)
- EDU 203 Educational Psychology
- EDU 205 Education, Colonialism and Decolonization
- EDU 230 Kindergarten Education I:  
Holistic Learning and Early Intervention
- EDU 231 Kindergarten Education II: Theory and Pedagogy
- EDU 238 Teaching and Learning at the Elementary Level:  
Practice and Reflection
- EDU 305 Social Justice and Anti-Discrimination Education
- EDU 315 Applying the Psychology of Learning and Motivation  
to the Design of Learning Environments
- EDU 348 Professional Seminars Lab (1 credit)
- EDU 401 Quebec Education Policy and Law

EDU 407 Individual Differences  
 ILT 101 Information Literacy Critical Thinking Lab (1 credit)

*One of:*

EDU 204 Indigenous Education  
 EDU 211 Introduction to Young Adult Literature and Texts  
     “Beyond the Canon”  
 EDU214 Gender and Sexuality in Education  
 EDU 218 History of Education  
 EDU 219 Getting dirty: Hands-on, experiential teaching and  
     learning for elementary and secondary student

EDU 220 Linguistic Diversity  
 EDU 221 Methods in Plurilingual and Pluricultural  
     Teaching and Learning

EDU 222 Teaching and Learning Online

EDU 285 The Reading Process

EDU 303 Sociology of Education

SLP 399 Situated Learning and Praxis

### **Methods Courses (33 credits)**

EDU 309 Effective Teaching Methods at the Elementary Level

EDU 313 Teaching Ethics and Religious Culture  
     (Elementary & Secondary)

EDU 319 Student Centered Evaluation at the Elementary Level

EDU 321 Methods of Teaching Language Arts I

EDU 331 Methods in Teaching Language Arts II

EDU 334 Methods in the Teaching of Mathematics I

EDU 335 Methods in the Teaching of Creative Arts – Elementary

EDU 419 Interdisciplinary Teaching and Integration of  
     Learning at the Elementary Level (6 credits)

EDU 433 Methods in the Teaching of  
     Elementary Social Sciences

EDU 434 Methods for Scientific Inquiry and Problem Solving

### **Practica (24 credits)**

EDU 128 Orientation to Professional Practice

EDU 228 Reflective Practicum – Elementary

EDU 328 Professional Practice (6 credits)

EDU 428 Internship (12 credits)

### **Disciplinary Courses (21 credits)**

*One of:*

ENG 100 Introduction to English Studies

ENG 102 Approaches to Media Studies

ENG 111 Canadian Short Story

ENG 123 Introduction to Indigenous Literatures in Canada

ENG 206 Creative Writing: The Graphic Novel

ENG 210 Children’s Literature

ENG 215 Introduction to North American Literatures

EDU 211 Introduction to Young Adult Literature and Texts “Be-  
 yond the Canon”

*One of:*

MAT 100 Excursions in Modern Mathematics

MAT 101 Further Excursions in Modern Mathematics

*One of:*

BIO 193 Introduction to Biology

CHM 181 The Chemistry of Everyday Life

CHM 185 The Science of Cooking

EDU 326 Engineering for Science and Technology Teachers

EXS 127 Introduction to Exercise Physiology

PHY 111 Physics of Everyday Life

PHY 113 Introduction to Astronomy

*One of:*

ESG 100 Introduction to Environmental Studies

ESG 126 Introduction to Human Geography

ESG 127 Introduction to Physical Geography

ESG 162 Canada: A Nation of Regions

*One of:*

HIS 104 The West in the World to 1750

HIS 108 A Global History of Indigenous Peoples

HIS 109 New World: The Americas to 1850

*One of:*

DRA 101 Introduction to Technical Theatre

DRA 110 Introduction to Theatre after 1800

FIS 140 Foundation Studio

FIS 181 Painting I

MUS 130 Rudiments of Music Theory

*One of:*

CLA 112 Ancient Greek Mythology

CLA 280 Roman Religion

LIB 216 The Divine and Ultimate Concern

PHI 100 On the Way to the Good Life

RSC 100 Western Religions

RSC 101 Eastern Religions

RSC 205 Indigenous Religious Traditions

### **Compulsory Language Requirement**

EDU 100 English Exam for Teacher Certification (EETC)

*(P/F, students who do not pass will not be permitted to register in  
 the third practicum)*

## **B.Ed. in Teaching and Learning at the Secondary Level**

The Secondary teacher education program at Bishop’s University leads to a Bachelor of Education in Teaching and Learning. This degree is required in order to be eligible for a teaching license. Students choose from one of the following profiles in a teaching subject area: English, Mathematics, Science and Technology, or Social Sciences.

### **Overview of Total Program Credits**

In order to earn a Bachelor of Education in Teaching and Learning at the Secondary Level, students must complete a 150-credit program. Students entering with a DEC from a Quebec CEGEP will normally be awarded 30 advanced credits. Mature students and students transferring from another university may be awarded certain advanced credits. Students entering without a completed DEC from a Quebec CEGEP and without any advanced credits are required to earn a total of 30 elective credits in addition to the 120 credits plus labs listed below.

## **B.Ed. in Teaching and Learning at the Secondary Level - English Profile CONEEG**

### **Foundational Courses (30 credits + 2 Labs)**

#### *Required Courses:*

EDU 102 Philosophy of Education  
EDU 122 Using Technology to Support Learning  
EDU 203 Educational Psychology  
EDU 205 Education, Colonialism and De-Colonization  
EDU 239 Teaching and Learning at the Secondary Level:  
Practice and Reflection  
EDU 305 Social Justice and Anti-Discrimination Education  
EDU 315 Applying the Psychology of Learning and Motivation  
to the Design of Learning Environments  
EDU 349 Professional Seminars Lab (1 credit)  
EDU 401 Quebec Education Policy and Law  
EDU 407 Individual Differences  
ILT 101 Information Literacy Critical Thinking Lab (1 credit)

#### *One of:*

EDU 204 Indigenous Education  
EDU 211 Introduction to Young Adult Literature and Texts  
"Beyond the Canon"  
EDU 214 Gender and Sexuality in Education  
EDU 218 History of Education  
EDU 219 Getting dirty: Hands-on, experiential teaching and  
learning for elementary and secondary student  
EDU 220 Linguistic Diversity  
EDU 221 Methods in Plurilingual and  
Pluricultural Teaching and Learning  
EDU 222 Teaching and Learning Online  
EDU 285 The Reading Process  
EDU 303 Sociology of Education  
SLP 399 Situated Learning and Praxis

### **Methods Courses (18 credits)**

EDU 339 Effective Teaching and Evaluation Methods I  
EDU 341 Methods Teaching English Language Arts  
at the Secondary Level I  
EDU 410 Effective Teaching and Evaluation Methods II  
EDU 411 Methods Teaching English Language Arts  
at the Secondary Level II  
EDU 420 Interdisciplinary Teaching and Integration of  
Learning at the Secondary Level (6 credits)

### **Practica (24 credits)**

EDU 129 Orientation to Professional Practice  
EDU 229 Reflective Practicum – Secondary  
EDU 329 Professional Practice (6 credits)  
EDU 429 Internship (12 credits)

### **Disciplinary Courses (48 credits)**

#### *Required Courses:*

ENG 100 Introduction to English Studies  
ENG 102 Approaches to Media Studies  
ENG 112 English Literary Tradition:  
The Middle Ages and the Renaissance  
ENG 113 English Literary Tradition:  
The Eighteenth Century to the Present

#### *Two of:*

ENG 110 English Writers of Quebec  
ENG 111 Canadian Short Story  
ENG 215 Introduction to North American Literatures  
ENG 252 English-Canadian Literature to the First World War  
ENG 253 English-Canadian Literature from the  
First World War to the Present  
ENG 275 The Contemporary Canadian Novel  
ENG 352 Canadian Literature and Theories of Globalization

#### *One of:*

ENG 123 Introduction to Indigenous Literatures in Canada  
ENG 228 Introduction to Post-Colonial Literature  
ENG 358 Approaches to Indigenous Literary Cultures in Canada  
ENG 375 Colonial Narratives

#### *One of:*

ENG 223 Elizabethan Shakespeare (1590-1603)  
ENG 224 Jacobean Shakespeare (1603-1614)  
ENG 225 The Stratford "Shakespeare"  
DRA 222 Introduction to Shakespeare

#### *One of:*

ENG 200 Creative Writing: Poetry  
ENG 201 Creative Writing: Prose  
ENG 203 Creative Writing: Experiments in Prose  
ENG 204 Creative Writing: Experiments in Poetry  
ENG 206 Creative Writing: The Graphic Novel  
ENG 382 Screenwriting  
ELA 201 Advanced Composition

#### *One of:*

ENG 210 History of Children's Literature  
EDU 211 Introduction to Young Adult Literature and Texts  
"Beyond the Canon"

#### *One of:*

ENG 234 Contemporary Literary Theory  
ENG 236 Popular Culture  
ENG 239 Feminist Literary Theory  
ENG 291 Film Theory  
ENG 353 Boy Meets Girl: Masculinity Scholarship,  
Feminist Theories, and American Literature

*Plus 15 credits in English, of which nine (9) credits must be at the  
200 level or above*

### **Compulsory Language Requirement**

EDU 100 English Exam for Teacher Certification  
(P/F, students who do not pass will not be permitted to register in  
the third practicum)

## **B.Ed. in Teaching and Learning at the Secondary Level - Mathematics Profile CONEMT**

### **Foundational Courses (30 credits + 2 Labs)**

#### *Required Courses:*

EDU 102 Philosophy of Education  
EDU 122 Using Technology to Support Learning  
EDU 203 Educational Psychology  
EDU 205 Education, Colonialism and De-Colonization  
EDU 239 Teaching and Learning at the Secondary Level:  
Practice and Reflection  
EDU 305 Social Justice and Anti-Discrimination Education



EDU 315 Applying the Psychology of Learning and Motivation to the Design of Learning Environments  
 EDU 349 Professional Seminars Lab (1 credit)  
 EDU 401 Quebec Education Policy and Law  
 EDU 407 Individual Differences  
 ILT 101 Information Literacy Critical Thinking Lab (1 credit)

*One of:*

EDU 204 Indigenous Education  
 EDU 211 Introduction to Young Adult Literature and Texts  
     “Beyond the Canon”  
 EDU 214 Gender and Sexuality in Education  
 EDU 218 History of Education  
 EDU 219 Getting dirty: Hands-on, experiential teaching and learning for elementary and secondary student  
 EDU 220 Linguistic Diversity  
 EDU 221 Methods in Plurilingual and Pluricultural Teaching and Learning  
 EDU 222 Teaching and Learning Online  
 EDU 285 The Reading Process  
 EDU 303 Sociology of Education  
 SLP 399 Situated Learning and Praxis

#### **Methods Courses (18 credits)**

EDU 339 Effective Teaching and Evaluation Methods I  
 EDU 346 Methods in Teaching Mathematics, Science and Technology I  
 EDU 410 Effective Teaching and Evaluation Methods II  
 EDU 416 Methods in Teaching Mathematics, Science and Technology II  
 EDU 420 Interdisciplinary Teaching and Integration of Learning at the Secondary Level (6 credits)

#### **Practica (24 credits)**

EDU 129 Orientation to Professional Practice  
 EDU 229 Reflective Practicum – Secondary  
 EDU 329 Professional Practice (6 credits)  
 EDU 429 Internship (12 credits)

#### **Disciplinary Courses (48 credits + 6 prerequisite credits)**

Students entering this profile must first complete or have credited the following prerequisites:

MAT 191 Calculus I  
 MAT 192 Calculus II

*Required Courses:*

MAT 108 Matrix Algebra  
 MAT 110 Excursions in Modern Mathematics  
 PHY 101 Statistical Methods in Experimental Sciences  
 MAT 200 Introduction to Discrete Mathematics  
 MAT 206 Advanced Calculus I  
 MAT 207 Advanced Calculus II  
 MAT 209 Linear Algebra

*Plus 12 credits in Mathematics at the 300 level*

*Plus 15 credits in Mathematics, of which three (3) credits must be at the 200 level or above*

#### **Compulsory Language Requirement**

EDU 100 English Exam for Teacher Certification  
 (P/F, students who do not pass will not be permitted to register in the third practicum)

### **B.Ed. in Teaching and Learning at the Secondary Level - Science and Technology Profile**

CONSCT

#### **Foundational Courses (30 credits + 2 Labs)**

*Required Courses:*

EDU 102 Philosophy of Education  
 EDU 122 Using Technology to Support Learning  
 EDU 203 Educational Psychology  
 EDU 205 Education, Colonialism and De-Colonization  
 EDU 239 Teaching and Learning at the Secondary Level: Practice and Reflection  
 EDU 305 Social Justice and Anti-Discrimination Education  
 EDU 315 Applying the Psychology of Learning and Motivation to the Design of Learning Environments  
 EDU 349 Professional Seminars Lab (1 credit)  
 EDU 401 Quebec Education Policy and Law  
 EDU 407 Individual Differences  
 ILT 101 Information Literacy Critical Thinking Lab (1 credit)

*One of:*

EDU 204 Indigenous Education  
 EDU 211 Introduction to Young Adult Literature and Texts  
     “Beyond the Canon”  
 EDU 214 Gender and Sexuality in Education  
 EDU 218 History of Education  
 EDU 219 Getting dirty: Hands-on, experiential teaching and learning for elementary and secondary student  
 EDU 220 Linguistic Diversity  
 EDU 221 Methods in Plurilingual and Pluricultural Teaching and Learning  
 EDU 222 Teaching and Learning Online  
 EDU 285 The Reading Process  
 EDU 303 Sociology of Education  
 SLP 399 Situated Learning and Praxis

#### **Methods Courses (18 credits)**

EDU 339 Effective Teaching and Evaluation Methods I  
 EDU 346 Methods in Teaching Mathematics, Science and Technology at the Secondary Level I  
 EDU 410 Effective Teaching and Evaluation Methods II  
 EDU 416 Methods in Teaching Mathematics, Science and Technology at the Secondary Level II  
 EDU 420 Interdisciplinary Teaching and Integration of Learning at the Secondary Level (6 credits)

#### **Practica (24 credits)**

EDU 129 Orientation to Professional Practice  
 EDU 229 Reflective Practicum – Secondary  
 EDU 329 Professional Practice (6 credits)  
 EDU 429 Internship (12 credits)

### Disciplinary Courses (48 credits + labs + 21 prerequisite credits)

*Students entering this profile must first complete or have credited the following prerequisites:*

BIO 196 Introductory Biology I: Introduction to Cellular and Molecular Biology (with lab BIL 196)  
 CHM 191 General Chemistry I (with lab CHL 191)  
 CHM 192 General Chemistry II (with lab CHL 192)  
 MAT 191 Calculus I  
 MAT 192 Calculus II  
 PHY 191 Introductory Physics I – Mechanics (with lab PHL 191)  
 PHY 192 Introductory Physics II – Electricity and Magnetism (with lab PHL 192)

#### *Required Courses:*

BIO 201 Cellular & Molecular Biology  
 BIO 205 Diversity of Life I (with lab BIL 205)  
 BIO 233 Human Anatomy  
 CHM 121 Inorganic Chemistry I  
 CHM 131 Physical Chemistry I  
 CHM 141 Analytical Chemistry (with lab CHL 141)  
 EDU 326 Engineering for Science and Technology Teachers  
 ESG 100 Introduction to Environmental Studies  
 ESG 127 Introduction to Physical Geography  
 PHY 101 Statistical Methods in Experimental Sciences  
 PHY 206 Waves and Optics (with lab PHL 206)  
 PHY 207 Thermal and Fluid Physics  
 PHY 208 Introduction to Mechanics  
 PHY 214 Astronomy & Astrophysics

#### *Two of:*

BCH 210 General Biochemistry  
 BIO 206 Diversity of Life II (with lab BIL 206)  
 BIO 207 Intro to Evolution and Ecology  
 BIO 208 Genetics (with lab BIL 208)  
 BIO 320 Programmed Cell Death  
 BIO 327 Advanced Ecology  
 BIO 329 Invertebrate Biology (with lab BIL 329)  
 BIO 331 Freshwater Biology (with lab BIL 331)  
 BIO 336 Animal Physiology I  
 BIO 341 Population genetics and evolution  
 BIO 349 Medical and Forensic Entomology  
 BIO 354 Insect Biodiversity  
 BIO 358 Animal Behaviour  
 BIO 359 Human Genetics  
 CHM 111 Organic Chemistry I (with lab CHL 111)  
 CHM 211 Organic Chemistry II (with lab CHL 211)  
 CHM 225 Inorganic Chemistry II (with lab CHL 225)  
 CHM 231 Physical Chemistry II (with lab CHL 231)  
 CS 201 Foundations of Computer Science (with lab CSL 201)  
 ESG 226 Physical Oceanography  
 ESG 227 Biogeochemical and Environmental Oceanography  
 ESG 250 Geomorphology  
 ESG 251 Biogeography  
 ESG 265 The Atmosphere and Weather  
 ESG 267 Global Environmental Change: a physical perspective  
 ESG 269 The Earth's Crust  
 MAT 108 Matrix Algebra  
 MAT 200 Introduction to Discrete Mathematics

MAT 202 Modern Geometry: Euclidean to Fractal (with lab MAL 202)

MAT 206 Advanced Calculus I

MAT 209 Linear Algebra

PHY 273 Observational Astronomy I

### Compulsory Language Requirement

EDU 100 English Exam for Teacher Certification

*(P/F, students who do not pass will not be permitted to register in the third practicum)*

## B.Ed. in Teaching and Learning at the Secondary Level - Social Sciences Profile CONESS

### Foundational Courses (30 credits + 2 Labs)

#### *Required Courses:*

EDU 102 Philosophy of Education  
 EDU 122 Using Technology to Support Learning  
 EDU 203 Educational Psychology  
 EDU 205 Education, Colonialism and De-Colonization  
 EDU 239 Teaching and Learning at the Secondary Level: Practice and Reflection  
 EDU 305 Social Justice and Anti-Discrimination Education  
 EDU 315 Applying the Psychology of Learning and Motivation to the Design of Learning Environments  
 EDU 349 Professional Seminars Lab (1 credit)  
 EDU 401 Quebec Education Policy and Law  
 EDU 407 Individual Differences  
 ILT 101 Information Literacy Critical Thinking Lab (1 credit)

#### *One of:*

EDU 204 Indigenous Education  
 EDU 211 Introduction to Young Adult Literature and Texts "Beyond the Canon"  
 EDU 214 Gender and Sexuality in Education  
 EDU 218 History of Education  
 EDU 219 Getting dirty: Hands-on, experiential teaching and learning for elementary and secondary student  
 EDU 220 Linguistic Diversity  
 EDU 221 Methods in Plurilingual and Pluricultural Teaching and Learning  
 EDU 222 Teaching and Learning Online  
 EDU 285 The Reading Process  
 EDU 303 Sociology of Education  
 SLP 399 Situated Learning and Praxis

### Methods Courses (18 credits)

EDU 339 Effective Teaching and Evaluation Methods I  
 EDU 344 Methods in Teaching Social Sciences at the Secondary Level I  
 EDU 410 Effective Teaching and Evaluation Methods II  
 EDU 414 Methods in Teaching Social Sciences at the Secondary Level II  
 EDU 420 Interdisciplinary Teaching and Integration of Learning at the Secondary Level (6 credits)

### Practica (24 credits)

EDU 129 Orientation to Professional Practice  
 EDU 229 Reflective Practicum – Secondary  
 EDU 329 Professional Practice (6 credits)  
 EDU 429 Internship (12 credits)

**Disciplinary Courses (48 credits)***Required Courses:*

ECO 103 Principles of Economics: Macroeconomics  
 ESG 100 Introduction to Environmental Studies  
 ESG 126 Introduction to Human Geography  
 ESG 127 Introduction to Physical Geography

*One of:*

ESG 224 Human Impact on the Environment  
 ESG 249 Resource Management  
 ESG 264 Outdoor Recreation  
 ESG 266 Environmental Policy  
 AGR 100 Introduction to Sustainable Agriculture  
     and Food Systems  
 AGR 204 Urban Agriculture

*One of:*

ESG 226 Physical Oceanography  
 ESG 227 Biogeochemical and Environmental Oceanography  
 ESG 250 Geomorphology  
 ESG 251 Biogeography  
 ESG 265 The Atmosphere and Weather  
 ESG 267 Global Environmental Change: A Physical Perspective  
 ESG 269 The Earth's Crust

*Two of:*

HIS 104 The West in the World to 1750  
 HIS 105 The 20th Century World  
 HIS 108 A Global History of Indigenous Peoples  
 HIS 109 New World: The Americas to 1850

*Three of:*

HIS 207 Canada 1867-1945  
 HIS 211 Canada Since 1954  
 HIS 221 Pre-Confederation Canada  
 HIS 240 History and Heritage  
 HIS 241 Canada and the World in the 20th Century  
 HIS 265 Quebec: Political Change and Industrialization  
     1840-1930  
 HIS 267 History of Sport in Canada  
 HIS 269 First Nation/Settler Relations in Canada  
 HIS 288 Women in 19th and 20th Century Canada  
 HIS 297 History of Communications

*One course in Global History at the 200 level**One course in European or United States History at the 200 level**One course in the History of Asia, Latin America, Middle East, or North Africa at the 200 level**Two of:*

POL 101 Introduction to Comparative Politics  
 POL 112 Introduction to Canadian Politics  
 POL 118 Constitutional Law and Canadian Government  
 LIB 212 In Search of Justice  
 PHI 104 Hopes and Conflicts of Social and Political Life

**Compulsory Language Requirement**

EDU 100 English Exam for Teacher Certification

*(P/F, students who do not pass will not be permitted to register in the third practicum)*

**B.Ed. in Teaching and Learning of the Creative Arts**

The Creative Arts teacher education program at Bishop's University leads to a Bachelor of Education in Teaching and Learning. This degree is required in order to be eligible for a teaching license. Students choose from one of the following concentrations in a teaching subject area: Drama, Fine Arts, or Music. Students in this program are prepared to teach at both the Elementary and Secondary school levels.

**Overview of Total Program Credits**

In order to earn a Bachelor of Education in Teaching and Learning of the Creative Arts, students must complete a 150-credit program. Students entering with a DEC from a Quebec CEGEP will normally be awarded 30 advanced credits. Mature students and students transferring from another university may be awarded certain advanced credits. Students entering without a completed DEC from a Quebec CEGEP and without any advanced credits are required to earn a total of 30 elective credits in addition to the 120 credits plus labs listed below.

**Foundational Courses (33 credits + 2 Labs)***Required Courses:*

EDU 102 Philosophy of Education  
 EDU 122 Using Technology to Support Learning  
 EDU 203 Educational Psychology  
 EDU 205 Education, Colonialism and De-Colonization  
 EDU 230 Kindergarten Education I:  
     Holistic Learning and Early Intervention  
 EDU 305 Social Justice and Anti-Discrimination Education  
 EDU 315 Applying the Psychology of Learning and Motivation  
     to the Design of Learning Environments  
 EDU 349 Professional Seminars Lab (1 credit)  
 EDU 401 Quebec Education Policy and Law  
 EDU 407 Individual Differences  
 ILT 101 Information Literacy Critical Thinking Lab (1 credit)

*One of:*

EDU 238 Teaching and Learning at the Elementary Level:  
     Practice and Reflection  
 EDU 239 Teaching and Learning at the Secondary Level:  
     Practice and Reflection

*One of:*

EDU 204 Indigenous Education  
 EDU 211 Introduction to Young Adult Literature and Texts  
     "Beyond the Canon"  
 EDU 214 Gender and Sexuality in Education  
 EDU 218 History of Education  
 EDU 219 Getting dirty: Hands-on, experiential teaching and  
     learning for elementary and secondary student  
 EDU 220 Linguistic Diversity  
 EDU 221 Methods in Plurilingual and Pluricultural Teaching  
     and Learning  
 EDU 222 Teaching and Learning Online  
 EDU 285 The Reading Process  
 EDU 303 Sociology of Education  
 SLP 399 Situated Learning and Praxis

**Methods Courses (21 credits)**

EDU 319 Student Centered Evaluation at the Elementary Level  
 EDU 335 Methods in the Teaching of Creative Arts (Elementary)  
 EDU 339 Effective Teaching and Evaluation Methods I  
 EDU 410 Effective Teaching and Evaluation Methods II  
 EDU 415 Methods in Teaching Creative Arts (Secondary)

*One of:*

EDU 419 Interdisciplinary Teaching and Integration of Learning  
 at the Elementary Level (6 credits)  
 EDU 420 Interdisciplinary Teaching and Integration of Learning  
 at the Secondary Level (6 credits)

**Practica (24 credits)**

EDU 129 Orientation to Professional Practice  
 EDU 228 Practicum II (Elementary) **OR**  
 EDU 229 Practicum II (Secondary)  
 EDU 329 Professional Practice (6 credits)  
 EDU 429 Internship (12 credits)

**Disciplinary Courses listed by concentration (42 credits)****Option 1: Drama Concentration****CONEED**

*Required Courses:*

DRA 101 Introduction to Technical Theatre  
 DRA 102 Introduction to Theatre Before 1800  
 DRA 110 Introduction to Theatre After 1800  
 DRA 131 Acting I  
 DRA 201 Contemporary Canadian Drama  
 DRA 222 Introduction to Shakespeare

*Four of:*

DRA 132 Acting II  
 DRA 233 Acting III  
 DRA 234 Acting IV  
 DRA 246 Introduction to Directing  
 DRA 250 Introduction to Technical Theatre Stagecraft  
 DRA 251 Lighting Design  
 DRA 331 Production I: Performance  
 DRA 332 Production II: Performance  
 DRA 341 Production I: Technical Production  
 DRA 342 Production II: Technical Production

*Four of:*

DRA 211 Ritual and Theatre  
 DRA 212 Theatre and the State  
 DRA 230 Women in Performance  
 DRA 300 Contemporary Theatre Practice  
 DRA 301 Contemporary Dramatic Theory  
 DRA 302 Classical European Drama  
 DRA 315 Medieval Drama  
 DRA 322 Topics in Shakespeare

**Option 2: Fine Arts Concentration****CONEEF**

*Required Courses:*

FIH 100 The Art of Viewing  
 FIH 102 Survey of Western Art II  
 FIH 220 Twentieth Century Art to the 1960s  
 FIH 221 Art from the 1960s to the end of the Twentieth Century  
 FIN 301 Art Education: Theory and Practice

*Nine courses from at least three of the groups below:*

**Group 1**

FIS 160 Drawing I  
 FIS 260 Drawing II  
 360 Drawing III  
 FIS 300 Drawing IV

**Group 2**

FIS 181 Painting I  
 FIS 281 Painting II  
 FIS 382 Painting III  
 FIS 382 Painting IV

**Group 3**

FIS 170 Sculpture I  
 FIS 271 Sculpture II  
 FIS 372 Sculpture III  
 FIS 373 Sculpture IV

**Group 4**

FIS 140 Foundation Studio  
 FIS 175 Introduction to Fibre Art  
 FIS 180 Colour: Theory and Practice  
 FIS 182 Photo I  
 FIS 190 Printmaking I  
 FIS 275 Fibre Art II  
 FIS 285 Landscape Drawing and Painting II  
 FIS 291 Printmaking II  
 FIS 296 Photo II  
 FIS 302 Photo III  
 FIS 384 Photo IV  
 FIS 385 Printmaking III

**Option 3: Music Concentration****CONEEM**

*Required Courses:*

MUS 130 Materials of Music I  
 MUS 135 Materials of Music II  
 MUS 120 Musicianship I (2 credits)  
 MUS 125 Musicianship II (2 credits)  
 MUS 220 Musicianship III (2 credits)  
 MUS 230 Materials of Music III

*One of:*

MUS 251 Western Art Music to 1750  
 MUS 252 Western Art Music 1750-1900  
 MUS 253 Western Art Music 1900 – Today  
 MUS 295 Seminar in Music History/Literature

*Two of:*

MUS 101 Rock 101  
 MUS 102 Rock/Pop Music 1975 to Present  
 MUS 103 Classic Jazz  
 MUS 104 Modern Jazz  
 MUS 106 Song  
 MUS 107 Opera  
 MUS 115 Film Music I  
 MUS 116 Film Music II  
 MUS 203 The Blues  
 MUS 204 The Be-Bop Revolution  
 PSY 292 Psychology of Music



*One of:*

MUS 235 Materials of Music IV  
MUS 338 Composition Styles  
MUS 395 Seminar in Music Theory

*12 credits from and including the following:*

MUS 172 Principal Instrument I (2 credits)  
MUS 173 Principal Instrument II (2 credits)  
MUS 272 Principal Instrument III (2 credits)  
MUS 273 Principal Instrument IV (2 credits)

*Plus 4 credits of Individual Practical Study*

*3 credits from the following:*

MUS 310 Independent Studies I  
MUS 311 Independent Studies II  
MUS 375 Instrumental Techniques (2 credit course, students completing MUS 375 must also complete 1 additional elective credit)

### **Compulsory Language Requirement**

EDU 100 English Exam for Teacher Certification

*(P/F, students who do not pass will not be permitted to register in the third practicum)*

## **B.Ed. in Teaching English as a Second Language**

**CONTSL**

The Teaching English as a Second Language (TESL) program at Bishop's University leads to a Bachelor of Education in Teaching English as a Second Language. This degree is required in order to be eligible for a teaching license. Students in this program are prepared to teach at both the Elementary and Secondary school levels.

### **Overview of Total Program Credits**

In order to earn a Bachelor of Education in Teaching English as a Second Language, students must complete a 150-credit program. Students entering with a DEC from a Quebec CEGEP will normally be awarded 30 advanced credits. Mature students and students transferring from another university may be awarded certain advanced credits. Students entering without a completed DEC from a Quebec CEGEP and without any advanced credits are required to earn a total of 30 elective credits in addition to the 120 credits plus labs listed below.

### **Foundational Courses (33 credits + 2 Labs)**

*Required Courses:*

EDU 102 Philosophy of Education  
EDU 122 Using Technology to Support Learning  
EDU 203 Educational Psychology  
EDU 205 Education, Colonialism and De-Colonization  
EDU 230 Kindergarten Education I:  
Holistic Learning and Early Intervention  
EDU 305 Social Justice and Anti-Discrimination Education  
EDU 315 Applying the Psychology of Learning and Motivation to the Design of Learning Environments  
EDU 349 Professional Seminars Lab (1 credit)  
EDU 401 Quebec Education Policy and Law  
EDU 407 Individual Differences  
ILT 101 Information Literacy Critical Thinking Lab (1 credit)

*One of:*

EDU 238 Teaching and Learning at the Elementary Level:  
Practice and Reflection  
EDU 239 Teaching and Learning at the Secondary Level:  
Practice and Reflection

*One of:*

EDU 204 Indigenous Education  
EDU 211 Introduction to Young Adult Literature and Texts  
"Beyond the Canon"  
EDU 214 Gender and Sexuality in Education  
EDU 218 History of Education  
EDU 219 Getting dirty: Hands-on, experiential teaching and learning for elementary and secondary students  
EDU 220 Linguistic Diversity  
EDU 221 Methods in Plurilingual and Pluricultural Teaching and Learning  
EDU 285 The Reading Process  
EDU 303 Sociology of Education  
SLP 399 Situated Learning and Praxis

### **Methods Courses (21 credits)**

EDU 308 Methods in Teaching English Grammar  
EDU 319 Student Centered Evaluation at the Elementary Level  
EDU 339 Effective Teaching and Evaluation Methods I  
EDU 410 Effective Teaching and Evaluation Methods II  
EDU 418 Methods in Teaching Second Languages

*One of:*

EDU 419 Interdisciplinary Teaching and Integration of Learning at the Elementary Level (6 credits)  
EDU 420 Interdisciplinary Teaching and Integration of Learning at the Secondary Level (6 credits)

### **Practica (24 credits)**

EDU 129 Orientation to Professional Practice  
EDU 228 Practicum II (Elementary) OR EDU 229 Practicum II (Secondary)  
EDU 329 Professional Practice (6 credits)  
EDU 429 Internship (12 credits)

### **Disciplinary Courses (42 credits)**

*Required Courses:*

EDU 105 Introduction to Linguistics for Language Teaching  
EDU 206 Perspectives on SLA  
EDU 207 Teaching Young Second Language Learners  
EDU 208 Drama Techniques for Lang. Teaching  
EDU 209 Oral Communication  
EDU 210 Critical Pedagogical Orientation to Second Language Teaching  
EDU 307 Literature and Language Teaching  
ENG 116 Effective Writing  
ENG 210 Children's Literature

*Two of:*

ENG 104 Approaches to Short Fiction  
ENG 108 The American Short Story  
ENG 110 English Writers of Quebec  
ENG 111 Canadian Short Story  
ENG 113 English Literary Tradition  
ENG 118 Literature of the Environment

ENG 123 Intro. to Indigenous Literatures in Canada  
 ENG 124 Introduction to the Graphic Novel

*One of:*

ENG 200 Creative Writing: Poetry  
 ENG 201 Creative Writing: Prose  
 ENG 203 Creative Writing: Experiments in Prose  
 ENG 204 Creative Writing: Experiments in Poetry

*One of:*

ENG 212 Crime Stories: The Great Detectives  
 ENG 215 Introduction to N.A. Literatures  
 ENG 223 Elizabethan Shakespeare  
 ENG 225 The Stratford "Shakespeare"  
 ENG 228 Introduction to Post-Colonial Literature  
 ENG 238 Confessions, Memoirs and Life Writing  
 ENG 234 Contemporary Literary Theory  
 ENG 239 Feminist Literary Theory  
 ENG 241 War and Literature  
 ENG 250 The Modern British Novel:  
     Experiments in Fictional Form  
 ENG 251 Keep Calm and Carry On:  
     The British Dystopian Novel  
 ENG 252 English-Canadian Literature to the First World War  
 ENG 253 English-Canadian Literature from the First World War  
     to the Present  
 ENG 254 Tooth and Claw: Animal Nature in Victorian Culture  
 ENG 255 Legal Bodies: Crime & Culture in Victorian England  
 ENG 256 The Early Twentieth-Century American Novel  
 ENG 257 Contemporary American Novel  
 ENG 275 Contemporary Canadian Novel

*One of:*

ENG 102 Approaches to Media Studies  
 ENG 236 Popular Culture  
 ENG 278 Science Fiction in Literature and Film  
 ENG 280 Film History after 1939  
 ENG 282 Film Adaptation  
 ENG 283 The Documentary Film  
 ENG 287 Image and Communication:  
     Visual Culture and Critique  
 ENG 293 Four Filmmakers  
 ENG 294 Film Comedy  
 ENG 295 Jane Austen and Film  
 ENG 297 From Aliens to Zombies

### Compulsory Language Requirement

EDU 100 English Exam for Teacher Certification  
 (P/F, students who do not pass will not be permitted to register in the third practicum)

### Minor in Teaching of English Second Language (24 credits)

MINTSL

This Minor provides an opportunity for students to study how second languages are learned and taught, with an introduction to linguistics, second language acquisition research, and second language pedagogy. The Minor in the Teaching of English Second Language requires the completion of 24 credits. This Minor does not lead to teaching certification. This Minor must be combined with a full or part time degree program.

*Required courses:*

EDU 105 – Introduction to Linguistics for Language Teaching  
 EDU 206 – Perspectives on Second Language Acquisition  
 EDU 207 – Teaching the Second Language Learner  
 EDU 210 – Critical Pedagogical Orientation to  
     Second Language Teaching

*Plus 12 credits from the following list:*

EDU 208 – Drama Techniques for Language Teaching  
 EDU 209 – Oral Communication  
 EDU 220 – Linguistic Diversity  
 EDU 307 – Literature and Language Teaching  
 EDU 308 – Teaching English Grammar  
 EDU 324 – Teaching English to Adults  
 EDU 325 – Selected Topics in Teaching ESL

### Minor in Teaching of French as a Second Language / Mineure en enseignement du français, langue seconde (24 credits)

MINTFS

This Minor, a collaboration between the School of Education and Études françaises et québécoises, provides an opportunity for students to observe and study how second languages are learned and taught, with an introduction to linguistics, second language acquisition research, second language pedagogy and French grammar, including the nouvelle grammaire and the nouvelle orthographe. The Minor in the Teaching of French as a Second Language requires the completion of 24 credits. To graduate with this minor students must complete 12 credits of the B2-C1-C2 level in French (*Cadre européen commun de référence pour les langues*). A maximum of 2 FRE courses can be taken.

Cette mineure, offerte en collaboration entre la School of Education et le Département d'études françaises et québécoises, permet aux étudiant.es d'observer et d'analyser comment les langues secondes sont apprises et enseignées. Les étudiant.es y reçoivent une formation de base en linguistique, en recherche sur l'acquisition d'une langue seconde, en pédagogie de la langue seconde et en grammaire française, ce qui inclut la nouvelle grammaire et la nouvelle orthographe. Pour obtenir cette mineure de 24 crédits, l'étudiant.e doit notamment avoir complété un total de 12 crédits en français de niveau B2-C1-C2 (*Cadre européen commun de référence pour les langues*). Un nombre maximal de deux cours FRE peuvent être suivis.

### 3 required credits in Education:

EDU 206 Perspectives on Second Language Acquisition

### 9 credits in Education from the courses below:

EDU 105 Introduction to Linguistics for Language Teaching  
     (MLA 101)  
 EDU 207 Teaching Young Second Language Learner  
 EDU 209 Oral communication  
 EDU 210 Critical Pedagogical Orientation to Second Language  
     Teaching  
 EDU 220 Linguistic Diversity  
 EDU 307 Literature and Language Teaching

**12 credits in French (maximum of 6 FRE credits)**

- FRE 140 Grammatical Review (French V)  
 FRE 141 Grammatical Review (French VI)  
 FRE 155 Culture and Society. Conversational French II  
 FRE 156 French Written Communication II  
 FRA 227 Le génie de la langue:  
     Stylistique comparée du français et de l'anglais  
 FRA 309 Assistanat en enseignement du français langue seconde  
 FRA 310 Tutorat au Centre d'aide en français  
 FRA 166 Textes en contexte : initiation à la littérature québécois  
 FRA 209 Littérature jeunesse  
 FRA 230 Tout est dans la logique :  
     analyse grammaticale et phrase complexe  
 FRA 247 Rédaction et communication

*Any other Niveau 4 – Level 4 FRA courses*

*Note that FRE 140, FRE 141, FRA 227, FRA 309 and FRA 310 are highly recommended.*

Departmental prerequisites apply. This Minor does not lead to teaching certification. This Minor must be combined with a full or part time degree program. / Les prérequis départementaux s'appliquent. Cette mineure ne mène pas à la certification d'enseignement. Cette mineure doit être combinée avec un programme d'études à temps plein ou partiel.

### **Minor in Teaching German as an Additional Language (24 credits) MINTGL**

This Minor, a collaboration between the School of Education and German, provides an opportunity for students to observe and study how second languages are learned and taught, with an introduction to linguistics, second language acquisition research, and second language pedagogy. In order to obtain this Minor, the student must complete 24 credits plus a 1 credit experiential learning lab associated with an advanced German language class.

**3 required credits in Education:**

EDU 206 Perspectives on Second Language Acquisition

**9 credits in Education from the courses below:**

- EDU 105 Introduction to Linguistics for Language Teaching (MLA 101)  
 EDU 207 Teaching Young Second Language Learner  
 EDU 209 Oral communication  
 EDU 210 Critical Pedagogical Orientation to Second Language Teaching  
 EDU 220 Linguistic Diversity  
 EDU 307 Literature and Language Teaching

**12 credits from the courses below plus one lab credit in German:**

- GER 301 Advanced German Language:  
     Reading and Translating German I  
 GER 302 Advanced German Language:  
     Reading and Translating German II  
 GER 303 Advanced German Language: Language and Cultural I  
 GER 304 Advanced German Language: Language and Cultural II  
 GER 305 Advanced German Language: Language, Literature and Film I  
 GER 306 Advanced German Language: Language, Literature and Film II  
 ELL 200 Experiential Learning lab (required)

*Students interested in completing this Minor should contact the*

*School of Education at [soe@ubishops.ca](mailto:soe@ubishops.ca) for more information.*

### **Minor in Teaching Spanish as an Additional Language (24 credits) MINTSA**

This Minor, a collaboration between the School of Education and Spanish, provides an opportunity for students to observe and study how second languages are learned and taught, with an introduction to linguistics, second language acquisition research, and second language pedagogy. In order to obtain this Minor, the student must complete 24 credits plus a 1 credit experiential learning lab associated with an advanced Spanish language class.

**3 required credits in Education:**

EDU 206 Perspectives on Second Language Acquisition

**9 credits in Education from the courses below:**

- EDU 105 Introduction to Linguistics for Language Teaching (MLA 101)  
 EDU 207 Teaching Young Second Language Learner  
 EDU 209 Oral communication  
 EDU 210 Critical Pedagogical Orientation to Second Language Teaching  
 EDU 220 Linguistic Diversity  
 EDU 307 Literature and Language Teaching

**12 credits plus one lab credit in Spanish:**

- SPA 301 Advanced Spanish: Topics and Texts I (required)  
 SPA 302 Advanced Spanish: Topics and Texts II (required)  
 ELL 200 Experiential Learning lab (required)

*any other 6 credits at the 300 level or above*

*Students interested in completing this Minor should contact the School of Education at [soe@ubishops.ca](mailto:soe@ubishops.ca) for more information.*

## **List of Courses**

**EDU 102 Philosophy of Education 3-3-0**

The course will focus upon philosophical ideas as they are applied to educational problems. Students will undertake a critical inquiry into several philosophical schools of thought with the view of developing a personal philosophy of education. Each school of thought will be examined in the light of its essential elements and basic principles as well as how each has influenced educational theory and practice. Questions of ethics are central to the course.

**EDU 105 Introduction to Linguistics for Language Teaching 3-3-0**

This course provides the theoretical background in linguistics for teachers of second languages. Topics covered include the major themes in linguistics (phonetics, phonology, morphology, syntax and semantics) that inform the teaching and learning of languages.

*Anti-requisites: MLA 101*

**EDU 107 Child Development and Elementary Teaching 3-3-0**

This course is designed to provide elementary pre-service teachers with an introduction to theories about how children develop, learn and grow up. This course will review current theory about child development and cover various domains of development (social, emotional, cognitive, physical) from infancy to middle childhood. The implications of children's development in relation to elementary teaching and learning are a central focus of this course.

*Anti-requisites: PSY 235*

**EDU 122 Using Technology to Support Learning 3-3-0**

This course will focus on using technology to support teaching and learning processes. By studying the foundations of educational technology, pre-service teachers will develop an understanding of the role of technologies can play to improve education. They will explore the role of the educator in technology-facilitated learning environments. They will build skills in designing technology-based learning environments to support meaningful learning.



**EDU 138 Foundations of the Teaching Profession (Elementary) 3-3-0**

In this course students will explore and make use of current research on the teaching, learning and evaluation processes. Students will also learn how to apply education policy and curriculum program documents in their planning and teaching. Students will continue the identification process with the teaching profession begun in their first field placement.

**EDU 203 Educational Psychology 3-3-0**

This course introduces pre-service teachers specializing in elementary and secondary education to the area of Educational Psychology. Educational Psychology prepares the teacher to understand principles of learning/cognition, human development, and motivation and the application of these theories to classroom learning, problem-solving, critical thinking and teaching, design of curricula, learners with special needs, classroom management, and assessment and evaluation.

*Prerequisites: EDU 138 and EDU 128 or EDU 129 are prerequisites or corequisites if student is also enrolled in EDU 227, EDU 228 or EDU 229*

**EDU 204 Indigenous Education 3-3-0**

This course provides opportunities for education candidates to engage with Indigenous foundations of education and to develop a more complex understanding of the philosophical, social, economic and political considerations that bear on the educational conditions and contexts of Indigenous peoples in Canada. It is structured around engagements with Indigenous peoples, histories, and knowledges, and involves university and field-based experiences. Students will examine exemplary cases and approaches to curriculum planning, extra-curricular programming, pedagogy, and relationship-building with First Nations, Inuit, and Metis families and communities. The course will be graded on a pass/fail basis, which will be recorded on the student's transcript: as P – pass or F – fail

*Pre- or Co-Requisite: EDU 205 or EDU 305 or HIS 108 or HIS 269 or SOC 107 or SOC 207*

**EDU 205 Education, Colonialism and De-Colonization 3-3-0**

In this course, we examine the implication of education in ongoing histories of colonialism in Canada. A particular focus will be on the history of residential schools, their continuing legacy as well as what it might look like for educators to take ownership of this history and build conditions for reconciliation between settler Canadians and First Nations, Inuit and Metis. This will involve studying Aboriginal perspectives, goals and approaches to teaching and learning. We will engage with examples of pedagogies aimed at de-colonization for Indigenous and non-Indigenous peoples in Canada. The course aims for students to develop an intersectional analysis and approach to pedagogy.

**EDU 206 Perspectives on Second Language Acquisition 3-3-0**

Through this course, students will examine the implications of theories of language acquisition for the teaching and learning of second languages at the elementary, secondary and adult levels. The relevance of past and current research in both first and second language acquisition will be a major topic of discussion.

**EDU 207 Teaching Young Second Language Learners 3-3-0**

With a focus on young learners and their needs, this course will introduce students to a learner-centered approach to the teaching of a second language. Topics covered include early literacy development and instruction, elementary curriculum, social and cognitive dimensions of learning as well as issues related to bilingualism. Students will explore the roles of a second language teacher in a variety of teaching situations and classroom environments specific to young learners. Should be taken in the first year of study.

**EDU 208 Drama Techniques for Language Teaching 3-3-0**

This course is an introduction to the creative process of drama (using role playing, improvisation and theatre games to explore language learning). The focus is on developing one's own creative potential using improvisation, theatre games, movement, voice and play making. Through individual and group work, participants will learn strategies for using drama in the classroom.

**EDU 209 Oral Communication 3-3-0**

This course will address issues related to the development of listening and speaking skills in second language learners, including those related to pronunciation. In addition, it will focus on varieties of oral communication in different contexts and for different levels and ages of learners.

*Pre- or Co-Requisite: EDU 105 or MLA 101*

**EDU 210 Critical Pedagogical Orientation to Second Language Teaching 3-3-0**

The purpose of this course is to inquire into the socio-political dimension of ESL and other second language teaching and learning. We will examine and challenge the traditional notions of literacy and literacy practices pertaining to second language education. Together we will explore some critical approaches to teaching second languages as well as different classroom strategies and practices that bear

a transformative pedagogical orientation. This course should not be taken in the first year of your program.

**EDU 211 Introduction to Young Adult Literature and Texts "Beyond the Canon" 3-3-0**

This course is intended for future elementary teachers who wish to better investigate how to evaluate, select and share young adult literature "beyond the canon" through a critical intercultural perspective. In the course, students will examine different genres of literature such as poetry, short stories, plays and novels. Furthermore, students will reconsider the traditional meaning of "text" and examine contemporary texts such as film, television, music lyrics and videos and how and if they play a role in classrooms.

**EDU 214 Gender and Sexuality in Education 3-3-0**

This course will introduce pre-service teachers to Quebec's Learning Content in Sexuality Education program, the Government Action Plan against Homophobia and Transphobia, and Bill C-16. It will prepare pre-service teachers with the knowledge, skills, and methods to support their learners' understanding themselves, their bodies, and their identities. This course will offer pre-service teachers a thorough introduction to the theoretical and applied aspects of gender and sexuality in education. Pre-service teachers will develop a comprehensive understanding of gender and sexuality and debunk the conflation between sex, gender, and sexual orientation. In this course, pre-service teachers will explore such topics as gender identity and gender expression, sexual identity, gender norms and stereotypes in education, gender and sexual diversity in schools, sexual health, and school-related gender-based violence. Through this course, pre-service teachers will learn how to develop curriculum resources and instructional strategies for gender and sexuality education.

**EDU 218 History of Education 3-3-0**

This course will examine education and schooling through a historical perspective. Students will analyze the social, economic, and political trends and themes that have both challenged educational policymakers and impacted the development of modern education systems. Students will engage in historical thinking as a way to contextualize education today.

**EDU 219 Getting dirty: Hands-on, Experiential Teaching and Learning 3-3-0**

This course focuses on community service learning and experiences in/with the natural world (e.g. gardening, field trips, teaching and learning outside etc.) as a means of cultivating relationships with place and land for both teachers and students. There will be a significant hands-on component to the course in order to break down the fear of getting dirty, making mistakes, and other perceived risks of moving beyond the confines of a classroom or school space. Students should expect to go outside regularly and engage with knowledge holders from beyond the School of Education. The course will work towards development of systems thinking where teachers and learners see themselves as a part of a relational world rather than in control of an objectified existence. Leveraging cultural resources as defined in the Quebec Education Program, and building partnerships with community groups beyond schools will be explored.

**EDU 220 Linguistic Diversity 3-3-0**

This course focuses on the teaching of students with diverse language abilities. It examines theoretical perspectives on first and second language acquisition and the relevance of these perspectives to educational practices. Discussion will include examination of the relationship between linguistic diversity and identity construction, the importance of first language maintenance and additive bilingualism. Students will discuss strategies for supporting and integrating linguistically diverse students into content area classes.

**EDU 221 Methods in Plurilingual and Pluricultural Teaching and Learning 3-3-0**

This methods course explores plurilingual approaches to teaching and learning that valorize students' multiple linguistic, cultural, and modal resources and experiences in learning. Particularly, it aims to equip participants with the knowledge, skills, and stance to support and advocate for linguistically and culturally minoritized students' social integration as well as literacy and language learning across the curriculum. Participants will learn about curricular design, material development, and teaching and learning practices that foster transversal language and literacy development and critical intercultural awareness to promote effective knowledge construction and communicative performance.

**EDU 222 Teaching and Learning Online 3-3-0**

This course will focus on how to integrate teaching and learning online (asynchronously), including using student portfolios, creating websites, and supporting online dialogue to promote students' critical thinking skills. It will also discuss 'emergency' remote teaching and learning.



- EDU 230 Kindergarten Education I: Holistic Learning and Early Intervention 3-3-0**  
Young learners' health and well-being are important for their success at school and beyond. This course offers students an introduction to the philosophical underpinnings of holistic learning and what it means to teach the whole child in kindergarten for 4 and 5 year olds. In line with the Preschool Cycle Program's emphasis on nurturing young children's global development, the topics to be explored in this course include diversity and inclusion in early childhood, the importance of social and emotional learning, holistic approaches to early education, well-being and trauma-informed care, building partnerships with families and communities, and interprofessional collaboration.
- EDU 231 Kindergarten Education II: Theory and Pedagogy 3-3-0**  
Kindergarten marks a significant period in young learners' lives. This course introduces students to the theoretical and applied aspects of kindergarten education for 4 and 5 year olds. With particular attention given to the Preschool Cycle Program, students will examine the theories that inform early learning curricula, develop appropriate and stimulating learning environments for young learners, explore play-based education, and examine social-justice- oriented pedagogy in the context of early education. In this course, students will be expected to reflect critically on teaching and learning with young children.  
*Pre-requisite: EDU 138 and EDU 230*
- EDU 238 Teaching and Learning at the Elementary Level: Practice and Reflection 3-3-0**  
In this course students will learn to apply current research on the Elementary teaching, learning and evaluation processes to designs for learning. Students will learn about Quebec curriculum-related documents; they will deepen their understanding of the application of education policy and curriculum program documents to their planning process. Students will document the development of their professional identity.  
*Prerequisite: EDU 138 Foundations of the Teaching Profession*
- EDU 239 Teaching and Learning at the Secondary Level: Practice and Reflection 3-3-0**  
In this course students will learn to apply current research on the Secondary teaching, learning and evaluation processes to designs for learning. Students will learn about Quebec curriculum-related documents; they will deepen their understanding of the application of education policy and curriculum program documents to their planning process. Students will document the development of their professional identity. It is a co-requisite for the second year practicum course taken by all Secondary candidates in their second year.
- EDU 285 The Reading Process 3-3-0**  
The lifelong acquisition of reading skills is complex. Teachers need to understand the integrated language system: oral language (listening and speaking), reading and writing. Designed for teachers, the aim of this course is to learn about the psychological processes involved when we read. Theoretical approaches to language acquisition will be examined. Teaching strategies using multi-modal approaches supporting the development of reading skills will be introduced for various age and educational levels. Issues such as bilingualism, English language learning and cultural differences will be addressed. Reading disabilities affect many learners and impact all subject areas; consequently, knowing how language is acquired will enable teachers to understand the nature of reading disabilities and to learn strategies to meet the needs of all students in an integrated classroom setting.
- EDU 303 / SOC 299 Sociology of Education 3-3-0**  
The purpose of this course is to examine education in Canada from a critical sociological perspective. Education is a major institution in most societies and is a vital part of our social existence. The sociology of education, a subfield of sociology, focuses on the institution of education and the structures, processes and interaction patterns within it. We will look at the educational system as a whole, integrated and dynamic entity. To do so, reference will be made to a variety of sociological studies, but the main perspective is critical.
- EDU 305 Social Justice and Anti-Discrimination Education 3-3-0**  
This course is designed to engage teacher candidates in a critical examination of key concepts and issues in the field of education that help us approach questions of social inequality, identity, difference, pluralism and social justice from a critical historical, philosophical and sociological perspective. Drawing from a range of theoretical and practical as well as multimedia resources, we will try to develop a critical awareness as reflective practitioners in relation to the social forces that influence the teaching-learning process in diverse societies and a globalizing world.  
*Prerequisite: EDU 238 or EDU 239 or permission of instructor*

- EDU 307 Literature and Language Teaching 3-3-0**  
This course will explore the use of literature as a basis for the teaching of ESL. Theories regarding the connection between literature and language learning will be introduced, and students will be involved in the construction of classroom learning situations based on poetry, short stories and novels.  
*Pre-requisites: 100 level English course or ENG 210 or EDU 211*
- EDU 308 Teaching English Grammar 3-3-0**  
This course is intended to achieve two aims: to provide students with an overview of grammatical issues for learners of English as a second language, and to address the strategies and methods that ESL teachers might adopt to integrate the teaching of grammar into their classrooms. Practice in the effective design of instruction and materials for the teaching of grammar will be a significant component of the course.
- EDU 309 Effective Teaching Methods at the Elementary Level 3-3-0**  
In this course students will deepen their understanding of Elementary level teaching, learning and evaluation processes and practices fundamental to the development of elementary students' competencies. They will explore and construct a conceptual understanding of learning and assessment strategies and how these strategies can be built into daily practice. Drawing on Quebec curriculum guides and policies and current related research, they will develop complex learning and evaluation situations (LES), which will be implemented while in the practicum.  
*Pre-requisites: EDU 228 or EDU 229*  
*Co-requisites: EDU 328*
- EDU 313 Teaching Ethics and Religious Culture (Elementary & Secondary) 3-3-0**  
The purpose of this course is to introduce pre-service teachers to the Ethics and Religious Culture program, first implemented in Quebec schools as of 2008. Principal topics covered will include the familiarization with the manner in which religious and non-religious worldviews can be understood and respected through cultural phenomena and the manner in which ethics can be explored to meet the criteria of "recognizing others" and the "pursuit of the common good". With respect to the progression of learning from elementary to secondary, particular attention will be given to making the theoretical dialogue within this course applicable to the students' teaching context. The pre-service teacher will also be expected to deliberate the professional responsibilities that arise from the shift of confessional schooling to structures that are entirely non-religious.
- EDU 315 Applying the Psychology of Learning and Motivation to the Design of Learning Environments 3-3-0**  
This course will assist pre-service teachers to apply the psychology of learning and motivation to the design of learning environments. In this course pre-service teachers will deepen their comprehension of learning environments that foster learning and motivation. They will explore different approaches to organizing schools and classrooms based on supporting student's engagement within an inclusive learning community. They will study motivational theories and how to improve student motivation in relation to the design of learning and evaluation situations.  
*Prerequisite: EDU 203*
- EDU 319 Student Centered Evaluation at the Elementary Level 3-3-0**  
This course introduces pre-service teachers to the multi-dimensional and complex nature of the evaluation processes fundamental to equitably fostering and tracking development of competencies at the elementary level. In this course we will explore and construct a conceptual understanding of evaluation strategies that support student learning and how these strategies can be built into daily practice. We will also construct an understanding of those classroom practices that are required to focus students on expected learning outcomes and determine to what extent these expectations have been met. Drawing on Quebec curriculum guides and policies and current related research, students will begin learning how to incorporate effective assessment within a complex learning and evaluation situation.  
*Prerequisite: EDU 228 or EDU 229*  
*Co-requisite: EDU 328 or EDU 329*
- EDU 321 Methods in the Teaching of Language Arts I (Elementary) 3-3-0**  
This course introduces pre-service teachers to literacy-related concepts, competencies and instructional and assessment approaches, the role of Language Arts in helping learners develop a critical understanding of the world, trends in literacies research, and related Quebec program documents. Pre-service teachers will begin to plan and design learning that fosters the literacy development of young learners in kindergarten and cycle one.

**EDU 324 Teaching English to Adults 3-3-0**

This course will explore the particular needs and challenges of adult learners of English as a Second Language. Students will be connected to local classrooms of adult learners to observe their language learning experience and to consider ways to construct appropriate learning situations for them.

**EDU 325 Selected Topics in Teaching ESL 3-3-0**

This course is designed to provide opportunities for students to explore recent and/or controversial topics related to second language teaching and learning. Specific topics will vary from year to year so that current issues may be addressed.

**EDU 326 Engineering for Science and Technology Teachers 3-0-0**

The Quebec Education Program has a strong engineering component that appears in the technological world. It focuses on engineering science, skills, technologies, and methods, and considers applied science in areas such as biotechnology, genetics, etc. This course will consider how engineering and science are related and what applied science actually means. Students will explore engineering in a hands-on manner via problem-solving and design. Critical consideration of implementing engineering in elementary and secondary education will be included.

**EDU 330 Independent Study in Education 3-3-0**

Students in the first degree (BA Educational Studies/Elementary Education or BA/BSc Double Major/Secondary Education) may be granted permission to pursue an independent study project under the guidance of a faculty supervisor on a topic in Education. Topics must be approved by the School of Education.

**EDU 331 Methods in the Teaching of Language Arts II 3-3-0**

This course will allow pre-service teachers to deepen their knowledge and application of literacy-related instructional approaches, particularly for elementary Cycles 2 and 3. It prepares the candidates to plan and design learning that leads students to work critically with all kinds of print, digital texts and multi-model sources, contributing to the development of their language arts competencies. Pre-service teachers will explore: the role of Language Arts in helping learners develop a critical understanding of the world, how to apply literacy practices in the classroom (including new literacies, multiliteracies, critical literacies, and so on) to support examination of concepts across the curriculum, and application of new trends and appropriate assessment tools relevant to literacy practices across subject areas.

*Pre or Co-requisite EDU 321.*

**EDU 334 Methods in the Teaching of Mathematics 3-3-0**

The general goal of the course is to learn to teach mathematics in such a way that your students develop "mathematical power." Mathematical power includes both ability (to conjecture, reason logically and communicate about mathematics) and attitude (self-confidence and a disposition to question and explore significant mathematical situations). The course will focus on the following: Mathematical content. Students will develop and/or refine their conceptual and procedural knowledge of the mathematics included in the elementary curriculum. Particular attention will be given to the content recommended in the QEP Math Curriculum Guide.

Mathematical learning. Students will explore instructional strategies and tools for the teaching and assessment of mathematics consistent with constructivist theories. Students will be expected to use this knowledge when planning for instruction. Connecting mathematical ideas. Students will explore ways to link mathematical ideas and to relate mathematics to other subject areas and everyday situations.

**EDU 335 Methods in the Teaching of Creative Arts – Elementary 3-3-0**

This course provides starting points for students to examine Visual Arts and Music both as separate disciplines and as potent tools in an integrated curriculum. Through a variety of approaches, students receive instruction in theory and teaching practices as well as hands-on experience. During the term students develop their own instructional strategies through the development of a curriculum unit of thematically related, arts based lesson plans and projects.

**EDU 339 Effective Teaching and Evaluation Methods I 3-0-0**

In this course students will deepen their understanding of Secondary level teaching, learning and evaluation process and practices fundamental to the development and tracking of secondary students' competency. They will explore and construct a conceptual understanding of strategies and how these strategies can be built into daily practice. Drawing on Quebec curriculum guides and policies and current related research, they will develop complex learning and evaluation situations (LES), which will be implemented while in the practicum.

*Pre-requisite EDU239 Co-requisite: EDU 328*

**EDU 341 Methods in Teaching English Language Arts at the Secondary Level I 3-3-0**

This course will help to prepare students to teach English Language Arts at the Secondary and Adult Education levels. Students will have the opportunity to work on their own writing skills while learning more about how to encourage secondary and adult learners to improve their abilities to read and communicate orally and in writing. They will become familiar with the QEP curriculum objectives for the English program and will be involved in planning units in assorted texts within the current Secondary English curriculum. Students will be exposed to new trends and appropriate assessment tools through classroom activities and assignments.

**EDU 342 Methods in Teaching Mathematics at the Secondary Level I 3-3-0**

This course will focus on strategies for the teaching of Mathematics in the secondary school curriculum. Students will gain an understanding of the general curriculum objectives, trends and teaching methods through lectures, practice in the problem-solving approach, and discussions of appropriate means for assessment. Students will work on projects and assignments related to course topics at the secondary or adult education levels.

**EDU 343 Methods in Teaching Science and Technology at the Secondary Level I 3-3-0**

This course will address the inquiry and problem-solving processes of the Quebec Education Program for Secondary Science and Technology. It will focus on enactment of program competencies in relation to stipulated progressions of learning. Consideration of the nature of science and technology, the kinds of understanding that secondary students develop in science and technology, and how they develop such understandings via collection and interpretation of data will be emphasized. Pre-service teachers will be asked to apply developing understandings through creation of lessons/LESSs, conversations and other explorations with peers, evaluation of research in science and technology education, and their subsequent practicum. In addition, the course will consider how science and technology are cultural practices deeply connected to European colonialism, and students will consider how other peoples have come to a practices empirical understanding of the world in ways that might also be considered science.

**EDU 344 Methods in Teaching Social Sciences at the Secondary Level I 3-3-0**

This course focuses on teaching strategies and learning concepts in the social sciences as outlined in the Quebec Education Program. Students will gain an understanding of the general curriculum competencies, objectives and trends as well as of the conceptual base and associated methodologies of the social science disciplines. Students will learn how to design a curriculum resource unit including appropriate tasks and assessment tools. They will also learn how to select as well as create resource materials.

**EDU 346 Methods in Teaching Mathematics, Science and Technology at the Secondary Level I 3-3-0**

This course will focus on approaches for the teaching of Mathematics, Science and Technology while considering the significance of history and culture in the evolution of these fields. Students will learn how to interpret curriculum competencies, objectives and trends, as well as the conceptual bases and associated methodologies of these disciplines. They will also learn how to critically select, design and develop curriculum resource materials and units.

**EDU 348 Professional Seminars Lab (Elementary) 1-0-0**

This course is comprised of seminars, workshops, and related activities on special topics aimed to enhance the students' induction into the teaching profession. Students will also be engaged in the reading of selected texts intended to encourage them to consider educational issues in profound and critical ways. The seminars may include guest speakers, discussions and panels, and conferences in preparation for the third practicum. Students will demonstrate their learning. This course is graded on Pass/Fail basis.

*Co-requisite: EDU 328*

**EDU 349 Professional Seminars Lab (Secondary) 1-0-0**

This course is comprised of seminars, workshops, and related activities on special topics aimed to enhance the students' induction into the teaching profession. Students will also be engaged in the reading of selected texts intended to encourage them to consider educational issues in profound and critical ways. The seminars may include guest speakers, discussions and panels, and conferences in preparation for the third practicum. Students will demonstrate their learning. This course is graded on Pass/Fail basis.

*Co-requisite: EDU 329*

**EDU 401 Quebec Education Policy and Law****3-3-0**

Students will have an opportunity to study the development of the Quebec education system from historical, political, and legal perspectives. Students will explore major educational ideas such as access to education and the growth of professionalism in the system. Legislation and regulations such as the Quebec Education Act will be examined in the course.

*Prerequisite:* EDU 328 or EDU 329

**EDU 403 Readings to Promote Educational Thinking****3-3-0**

This readings course is intended to encourage student teachers to consider educational issues in profound and critical ways. Drawing from a wide selection of historical and current literature on education, students will produce an academic paper (or alternative assignment) which may be reviewed by their peers for publication in a School of Education collection of student work. The course will be organized around seminar sessions that highlight specific readings as well as group and individual discussions with the professor(s).

**EDU 407 Individual Differences****3-3-0**

This course focuses on the teaching of students with exceptionalities in inclusive settings. Class discussions will centre on issues surrounding inclusion and its implications for teaching adaptations in the classroom and school community. Students will gain an understanding of classroom-based approaches to assessment and instruction, including differentiated instruction and universal design for learning, that recognize the uniqueness of each student and of the methods and strategies which successfully integrate exceptional students in the inclusive classroom, including the development and implementation of individual education plans (IEPs).

*Prerequisite:* EDU 328 or EDU 329

**EDU 410 Effective Teaching Methods and Evaluation II****3-3-0**

This course will provide secondary education student teachers with an additional exposure to general methods of teaching and enhance their knowledge of student centered evaluation principles and practices.

*Prerequisite:* EDU 328 or EDU 329

**EDU 411 Methods in Teaching English Language Arts at the Secondary Level II****3-3-0**

This course will help to prepare students to teach English Language Arts at the Secondary and Adult Education levels. Students will have the opportunity to work on their own writing skills while learning more about how to encourage secondary and adult learners to improve their abilities to read and communicate orally and in writing. They will become familiar with the QEP curriculum objectives for the English program and will be involved in planning units in assorted texts within the current Secondary English curriculum. Students will be exposed to new trends and appropriate assessment tools through classroom activities and assignments.

*Prerequisite:* EDU 341 and EDU339

**EDU 412 Methods in Teaching Mathematics at the Secondary Level II****3-3-0**

This course will focus on strategies for the teaching of Mathematics in the secondary school curriculum. Students will gain an understanding of the general curriculum objectives, trends and teaching methods through lectures, practice in the problem-solving approach, and discussions of appropriate means for assessment. Students will work on projects and assignments related to course topics at the secondary or adult education levels.

*Prerequisite:* EDU 342 and EDU 339

**EDU 413 Methods in Teaching Science and Technology at the Secondary Level II****3-3-0**

This course will address the inquiry and problem-solving processes of the Quebec Education Program for Secondary Science and Technology. It will focus on enactment of program competencies in relation to stipulated Secondary Science and Technology. It will focus on enactment of program competencies in relation to stipulated progressions of learning. Consideration of the nature of science and technology, the kinds of understanding that secondary students develop in science and technology, and how they develop such understandings via collection and interpretation of data will be emphasized. Pre-service teachers will be asked to apply developing understandings through creation of lessons/LESSs, conversations and other explorations with peers, evaluation of research in science and technology education, and their subsequent practicum. In addition, the course will consider now science and technology are cultural practices deeply connected to European colonialism, and students will consider how other peoples have come to a practiced empirical understanding of the world in ways that might also be considered science.

*Prerequisite:* EDU 343 and EDU 339

**EDU 414 Methods in Teaching Social Sciences at the Secondary Level II****3-3-0**

This course focuses on teaching strategies and learning concepts in the social sciences as outlined in the Quebec Education Program. Students will gain an understanding of the general curriculum competencies, objectives and trends as well as of the conceptual base and associated methodologies of the social science disciplines. Students will learn how to design a curriculum resource unit including appropriate tasks and assessment tools. They will also learn how to select as well as create resource materials.

*Prerequisite:* EDU 344 and EDU 339

**EDU 415 Methods in the Teaching of Creative Arts – Secondary****3-3-0**

The class itself models several teaching and learning situations and strategies for both elementary and secondary levels of instruction. Students work in groups, with partners and alone. Peer tutoring is used for part of the creative movement/dance unit. Students are given the opportunity each semester to talk with an artist currently exhibiting at the art gallery. Students are expected to develop sequential arts-based lessons formally, thematically and experientially, drawing on in-class situations modeled for them. Students are made aware of Howard Gardner's Multiple Intelligences Model and the importance of matching teaching and learning styles.

*Prerequisite:* EDU 339 and EDU 335

**EDU 416 Methods in Teaching Mathematics, Science and Technology at the Secondary Level II****3-3-0**

This course will focus on approaches for the teaching of Mathematics, Science and Technology while considering the significance of history and culture in the evolution of these fields. Students will learn how to interpret curriculum competencies, objectives and trends, as well as the conceptual bases and associated methodologies of these disciplines. They will also learn how to critically select, design and develop curriculum resource materials and units.

*Prerequisite:* EDU 346 and EDU 339

**EDU 418 Methods in Teaching Second Languages – Secondary****3-3-0**

This course examines recent developments in second language teaching approaches and methods, particularly as they relate to the selection of teaching material, choice of techniques for the second language classrooms and appropriate means of assessment. It includes a brief historical overview of language teaching methods and approaches.

*Prerequisite:* EDU 339

**EDU 419F Interdisciplinary Teaching and Integration of Learning at the Elementary Level****6-6-0**

In this two-term, final year capstone course, students synthesize theoretical and practical learning over their time in program in relation to the School of Education's outcome statement and the contemporary context of teaching and learning at the elementary level. They thus consider teaching as an intellectual pursuit and social responsibility by exploring how education in Québec is framed and positioned, the manner in which multiple stories and different ways of knowing, being, and doing can and do circulate together in teaching and learning, the importance of critical reflection and research to teaching and learning, and how leadership begins with change and action at the very local level. Students explore the meanings of commitment to "transformation through education" by individually and collaboratively designing formal and informal approaches to fostering change through their professional practice, some of which are taken up during the internship practicum. Students return to the university after practicum, where they discuss their emerging professional identities, synthesize their learning, and provide evidence of the capacity for ongoing critical reflection and commitment to the transformative power of education in service of a more equitable and sustainable world for all our relations.

*Prerequisite:* EDU328 or EDU329



**EDU 420F Interdisciplinary Teaching and Integration of Learning at the Secondary Level 6-6-0**

In this two-term, final year capstone course, students synthesize theoretical and practical learning over their time in the program in relation to the School of Education's outcome statement and the contemporary context of teaching and learning at the Secondary Level. They consider teaching as an intellectual pursuit and social responsibility by exploring how education in Québec is framed and positioned, the manner in which multiple stories and different ways of knowing, being, and doing can and do circulate together in teaching and learning, the importance of critical reflection and research to teaching and learning, and how leadership begins with change and action at the very local level. Students take up the meanings of commitment to "transformation through education" by individually and collaboratively designing formal and informal approaches to fostering change through their professional practice, some of which are taken up during the internship practicum. Students return to the university after practicum, at which time they discuss their emerging professional identities, synthesize their learning, and provide evidence of the capacity of ongoing critical reflection and commitment to the transformative power of education in service of a more equitable and sustainable world for all our relations.

*Prerequisite: EDU 328 or EDU 329*

**EDU 433 Methods in the Teaching of Elementary Social Sciences 3-3-0**

This course will prepare pre-service teachers with the understandings, skills, and methods to support their learners' social science curriculum competencies, and support their evolving world view. Pre-service teachers will explore the role of social sciences in helping learners develop a critical understanding of the Canadian history and environment; this includes specific attention to FNIM issues and perspectives. The course also addresses relevant assessment tools and practices.

*Prerequisite: EDU 328*

**EDU 434 Methods for Scientific Inquiry and Problem Solving 3-3-0**

This course will prepare pre-service teachers in supporting their learners' evolving world view. Pre-service teachers will explore: the role of science and mathematics in helping learners develop a critical understanding of the world, how inquiry strategies and problem solving can be applied in a natural science and mathematics context, and assessment tools relevant to inquiry and problem solving in science and mathematics.

*Prerequisite: EDU 328 or EDU 329*

**ILT 101 Information Literacy and Critical Thinking Lab 1-0-1**

The objective of this laboratory course is to introduce students to the skills necessary to effectively complete their research assignments, in Education. The course includes the correct use of library resources, including the online catalogue, periodical indexes and other relevant databases. Other areas of study include the identification of key terms for effective searching, productive use of the internet and the critical evaluation of retrieved resources. Academic integrity, plagiarism and the correct citation of print and online sources are also taught. The course is practical, and students are given the opportunity for hands-on experience in the library's electronic classroom. Taught in conjunction with EDU 128 / EDU 129, "Orientation to Professional Practice", students retrieve the resources necessary to complete their assignments for the course. ILT 101 is a required core course.

The following, EDU 128, EDU 129, EDU 227, EDU 228, EDU 229, EDU 328, EDU 329, EDU 428 and EDU 429, take place in assigned educational settings:

**EDU 128 Orientation to Professional Practice (Elementary) 3-3-0**

Students will focus on the human and professional elements of teaching in order to identify those personal traits that are characteristic of effective teachers. This course introduces students to the process of reflective practice and to the professional knowledge base that inspires it. The above course components combined with field-based experiences and classroom presentations will help students make informed judgments as to their suitability for the teaching profession.

*Co-requisite: ILT 101 - Information Literacy Critical Thinking Lab*

**EDU 129 Orientation to Professional Practice (Secondary) 3-3-0**

Students will focus on the human and professional elements of teaching in order to identify those personal traits that are characteristic of effective teachers. This course introduces students to the process of reflective practice and to the professional knowledge base that inspires it. The above course components combined with field-based experiences and classroom presentations will help students make informed judgments as to their suitability for the teaching profession.

*Co-requisite: ILT 101 - Information Literacy Critical Thinking Lab*

**EDU 227 Alternate Practicum II 3-3-0**

This second-year field experience in the elementary or secondary school setting, involves a combination of half and full days over the Fall semester of a minimum of 70 hours. Students begin to integrate theory from courses with field-based practice and carry out aspects of the teaching act in collaboration with associate teachers and university supervisors. They participate in the life of the school inside and outside the classroom. In extenuating circumstances, with the permission of the Department Chair.

*Prerequisites: EDU 128 and EDU 138, or EDU 129*

*Co-requisite: EDU 238 or EDU 239*

**EDU 228 Practicum II - Elementary 3-3-0**

This second-year field experience in the elementary school setting involves a combination of half and full days over the Fall and Winter semester of a minimum of 70 hours. Students begin to integrate theory from courses with field-based practice and carry out aspects of the teaching act in collaboration with associate teachers and university supervisors. They participate in the life of the school inside and outside the classroom.

*Prerequisites: EDU 238 or EDU 239*

**EDU 229 Practicum II - Secondary 3-3-0**

This second-year field experience in the secondary school setting involves a combination of half and full days over the Fall and Winter semester of a minimum of 70 hours. Students begin to integrate theory from courses with field-based practice and carry out aspects of the teaching act in collaboration with associate teachers and university supervisors. They participate in the life of the school inside and outside the classroom.

*Prerequisites: EDU 238 or EDU 239*

**EDU 328 Professional Practice 6-3-0**

Through field experience in the elementary school setting, students will integrate theory with practice in this practice teaching placement. Students will plan, present, and self-evaluate lessons in collaboration with faculty supervisors, university teaching associates, and associate teachers. They will evaluate students and participate in the life of the school inside and outside the classroom.

*Prerequisite: EDU 228 or EDU 229*

**EDU 329 Professional Practice 6-3-0**

Through field experience in the secondary school setting, students will integrate theory with practice in this practice teaching placement. Students will plan, present, and self-evaluate lessons in collaboration with faculty supervisors, university teaching associates, and associate teachers. They will evaluate students and participate in the life of the school inside and outside the classroom. Students in certain secondary profiles may be placed in an adult education setting.

*Prerequisite: EDU 228 or EDU 229*

**EDU 428 Internship - Elementary 12-0-0**

This practicum is the culmination of the students' socialization into the profession of teaching. Through a lengthy elementary school immersion, students synthesize theories with practice to assume the competencies required of a teacher in the classroom and in the profession. Students become full-time teachers and colleagues with associate teachers, university teaching associates and faculty supervisors. They focus on long term and short term planning and implementing units of study. They experience all the challenges of the profession: teaching and evaluating students, interviewing parents, working on teams, organizing extra-curricular activities, and participating in professional development activities.

*Prerequisite: EDU 328 or EDU 329*

**EDU 429 Internship- Secondary 12-0-0**

This practicum is the culmination of the students' socialization into the profession of teaching. Through a lengthy secondary school immersion, students synthesize theories with practice to assume the competencies required of a teacher in the classroom and in the profession. Students become full-time teachers and colleagues with associate teachers, university teaching associates and faculty supervisors. They focus on long term and short term planning and implementing units of study. They experience all the challenges of the profession: teaching and evaluating students, interviewing parents, working on teams, organizing extra-curricular activities, and participating in professional development activities. Students in certain secondary profiles may be placed in an adult education setting.

*Prerequisite: EDU 328 or EDU 329*