Student Name: _____ Student Number: _____

Date Completed: _____ Credits to Complete: _____ Advanced Standing: _____

B.Ed Secondary Mathematics 2018-19 (150 Credits)

Required Mathematics Subject Area Courses (21 credits)

- ☐ MATH 222 Calculus 3
- ☐ MATH 223 Linear Algebra
- ☐ MATH 228 Classical Geometry
- ☐ MATH 315 Ordinary Differential Equations
- ☐ MATH 323 Probability
- ☐ MATH 324 Statistics
- ☐ MATH 338 History and Philosophy of Mathematics

Complementary Mathematics Courses (30 or 15 credits)

3 credits from:

- ☐ MATH 235 Algebra 1
- ☐ MATH 242 Analysis 1

Should be taken in Year 1 or Year 2

Complete 27 credits from below without an unofficial second teachable subject OR 12 credits with a 15 credit unofficial second teachable subject

- ☐ COMP 202 Foundations of Programming
- ☐ COMP 230 Logic and Computability
- ☐ EDTL 520 Perspectives on Knowledge in Math & Sci
- ☐ MATH 235 Algebra 1
- ☐ MATH 236 Algebra 2
- ☐ MATH 242 Analysis 1
- ☐ MATH 243 Analysis 2
- ☐ MATH 314 Advanced Calculus
- ☐ MATH 316 Complex Variables
- ☐ MATH 317 Numerical Analysis
- ☐ MATH 318 Mathematical Logic**
- ☐ MATH 319 Introduction to Partial Differential Equations
- ☐ MATH 326 Nonlinear Dynamics and Chaos
- ☐ MATH 327 Matrix Numerical Analysis
- ☐ MATH 329 Theory of Interest
- ☐ MATH 340 Discrete Structures 2
- ☐ MATH 346 Number Theory
- ☐ MATH 348 Euclidean Geometry
- ☐ MATH 417 Linear Optimization
- ☐ MATH 423 Regression and Analysis of Variance
- ☐ MATH 447 Introduction to Stochastic Processes
- ☐ MATH 523 Generalized Linear Models (4 cr)
- ☐ MATH 524 Nonparametric Statistics (4 cr)
- ☐ MATH 525 Sampling Theory & Applications (4 cr)
- ☐ PHIL 210 Introduction to Deductive Logic 1**

***Students cannot receive credit for both*

Unofficial Second Teachable Subject Courses (15 Credits)

Complete if only 15 cr of Complementary Math courses taken

- ☐ Second Teachable _____
- ☐ Second Teachable _____
- ☐ Second Teachable _____
- ☐ Second Teachable _____
- ☐ Second Teachable _____

Required Courses (57 credits)

- ☐ EDEC 201 First Year Professional Seminar (1 cr)
- ☐ EDEC 215 English Exam for Teacher Certification (0 cr)
- ☐ EDEC 233 Indigenous Education
- ☐ EDEC 247 Policy Issues in Quebec Education
- ☐ EDEC 254 Second Professional Seminar (Secondary) (1 cr)
- ☐ EDEC 262 Media, Technology and Education
- ☐ EDEC 351 Third Professional Seminar (Secondary) (2 cr)
- ☐ EDEC 404 Fourth Professional Seminar (Secondary)
- ☐ EDES 350 Classroom Practices
- ☐ EDES 353 Teaching Secondary Mathematics 1
- ☐ EDES 453 Teaching Secondary Mathematics 2
- ☐ EDFE 200 First Field Experience (2 cr)
- ☐ EDFE 254 Second Field Experience (Secondary)
- ☐ EDFE 351 Third Field Experience (Secondary) (8 cr)
- ☐ EDFE 451 Fourth Field Experience (Secondary) (7 cr)
- ☐ EDPE 300 Educational Psychology
- ☐ EDPE 304 Measurement and Evaluation
- ☐ EDPI 309 Diverse Learners
- ☐ EDPI 341 Instruction in Inclusive Schools

Complementary Education Courses (6 Credits)

3 credits from:

- ☐ EDEC 248 Equity and Education
- ☐ EDEC 249 Global Education and Social Justice

3 credits from:

- ☐ EDEC 260 Philosophical Foundations
- ☐ EDEC 261 Philosophy of Catholic Education

Elective Courses (6 Credits)

- ☐ Elective _____
- ☐ EDER 372, EDES 334, EDES 335 OR EDES 361 _____

Freshman Courses (30 credits)

- ☐ *30 credits completed in U0 / CEGEP / Advanced Standing*

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See back side for details on Unofficial Second Teachable options.

Unofficial Second Teachable Subject Areas

You may choose between the following areas: English, History & Citizenship, Geography, Ethics and Religious Culture, Biology, Chemistry and Physics. Courses are taken from the list below, with approval from the Advisor.

English

EDES 366   Literature for Young Adults

3 credits from:

CEAP 250   Research Essay & Rhetoric
EDEC 201   Communication in Education
EDSL 305   L2 Learning Classroom Sessions
EDSL 350   Essentials of English Grammar
LING 200   Introduction to the Study of Language
LING 201   Introduction to Linguistics
LING 355   Language Acquisition 1

And 9 credits as follows from the English Department website with a minimum of 6 credits at the 300 level or higher

6 credits of Literature
3 credits of Cultural Studies
OR
3 credits of Drama/Theatre

Recommended Method's Course: EDES 361

Geography

15 credits from:

ENVR 202   The Evolving Earth
GEOG 200   Geographical Perspectives: World Envr
GEOG 205   Global Change: Past, Present & Future
GEOG 210   Global Places and Peoples
GEOG 216   Geography of the World Economy
GEOG 217   Cities in the Modern World
GEOG 272   Earth's Changing Surface
GEOG 301   Geography of Nunavut
GEOG 309   Geography of Canada
GEOG 311   Economic Geography
GEOG 331   Urban Social Geography

Recommended Method's Course: EDES 334

History & Citizenship

Choose 15 credits of HIST subject courses at the 200 level or higher

Recommended Methods Course: EDES 334

Ethics and Religious Culture

6 credits from:

EDER 309   The Religious Quest
RELG 204   Judaism, Christianity and Islam
RELG 207   Introduction to the Study of Religions
RELG 208   World Religions & Cultures They Create
RELG 252   Hinduism and Buddhism

9 credits from:

CATH 200   Introduction to Catholicism
EDER 209   Search for Authenticity
EDER 252   Understanding and Teaching Jewish Life
EDER 319   Teaching the Holocaust
EDER 394   Philosophy of God
EDER 395   Moral Values and Human Action
EDER 461   Society and Change
EDER 473   Living with Insight
EDER 494   Human Rights & Ethics in Practice
PHIL 230   Introduction to Moral Philosophy 1
PHIL 237   Contemporary Moral Issues
RELG 270   Religious Ethics and the Environment

Recommended Method's Course: EDER 372

Biology

Choose 15 credits of BIOL subject courses at the 200 level or higher

Recommended Methods Course: EDES 335

Chemistry

Choose 15 credits of CHEM subject courses at the 200 level or higher

Recommended Methods Course: EDES 335

Physics

Choose 15 credits of PHYS subject courses at the 200 level or higher

Recommended Methods Course: EDES 335