Student Name: **Student ID:** **Date:**

Credits to Complete: **Advanced Standing:**

Bachelor of Education - Secondary Science & Technology

McGill | Department of Integrated Studies in Education

4-Year Program Overview

Admitted - Fall 2022

√	Year 1 - Fall		√	Year 2 - Fall		√	Year 3 - Fall		√	Year 4 - Fall	
☐	EDEC 215	English Exam for Teach. Cert. (0 cr)	☐	EDPI 341	Instruction in Inclusive Schools	☐	EDEC 351	Third Year Profess. Seminar (2 cr)	☐	EDEC 247	Policy Issues in QC & Indig. Ed.
☐	EDPE 300	Educational Psychology	☐	EDEC 262	Media, Technology and Education	☐	EDES 350	Classroom Practices	☐	Subject Area Course	
☐	Subject Area Course		☐	Subject Area Course		☐	**EDFE 351	Third Field Experience (8 cr)	☐	Subject Area Course	
☐	Subject Area Course		☐	Subject Area Course					☐	Elective	
☐	Subject Area Course		☐	Subject Area Course							
	one of:										
☐	EDEC 248	Equity and Education									
☐	EDEC 249	Global Ed. & Social Justice					C: EDEC 351, EDES 350, EDFE 351				
	15 credits			**15 credits**			**13 credits**			**12 credits**	

√	Year 1 - Winter		√	Year 2 - Winter		√	Year 3 - Winter		√	Year 4 - Winter	
☐	EDEE 233	Indigenous Education	☐	*EDES 335	Teaching Secondary Science 1	☐	EDTL 525	Teaching Science and Technology	☐	EDEC 404	Fourth Professional Seminar
☐	EDEC 260	Phil. Foundations	☐	EDPI 309	Diverse Learners	☐	Subject Area Course		☐	EDFE 451	Fourth Field Experience (7 cr)
☐	Subject Area Course		☐	Subject Area Course		☐	Subject Area Course		☐	EDES 435	Teaching Secondary Science 2
☐	Subject Area Course		☐	Subject Area Course		☐	Subject Area Course		☐	^EDPE 304	Measurement & Evaluation
☐	Subject Area Course					☐	Elective				
										C: EDFE 404/EDSL 451	
	15 credits			**12 credits**			**15 credits**			**16 credits**	

√	Year 1 - Spring		√	Year 2 - Spring	
☐	EDEC 201	First Year Professional Seminar (1 cr)	☐	EDEC 254	Second Prof. Sem. (1 cr)
☐	EDFE 200	First Field Experience (2 cr)	☐	EDFE 254	Second Field Experience
	C: EDEC 201/EDFE 200			C: EDSL 254/EDFE 254	
	3 credits			**4 credits**	

* Prerequisite: 18 cr of university Science courses at or above the 200 level.
**Prerequisite: 24 cr of university Science courses at or above the 200 level.
^ Can be completed fall or winter U4
one of: depending on availability
EDEC 215: special registration dates apply and are communicated via email to students each term the exam is offered

For complete course listings, course descriptions and prerequisites, see the eCalendar:
www.mcgill.ca/x/3kf

Freshman Courses (30 credits)
30 credits completed in U0 / CEGEP / Advanced Standing

Elective courses (6 credits)

Notes

Required Science Courses (15 credits)

- ☐ BIOL 206 Methods in Biology of Organisms
- ☐ CHEM 281 Inorganic Chemistry 1
- ☐ EDTL 520 Persp. on Knowledge in Math & Sci.
- ☐ EDTL 525 Teaching Science and Technology
- ☐ MATH 203 Principles of Statistics 1

Core Complementary Science Courses (10 credits)

3 credits from:

- ☐ BIOL 200 Molecular Biology
- ☐ LSCI 202 Molecular Cell Biology

3 credits from

- ☐ CHEM 203 Survey of Physical Chemistry
- ☐ CHEM 213 Introductory Physical Chemistry 1

4 credits from

- ☐ CHEM 212 Introductory Organic Chemistry 1 (4 cr)
- ☐ CHEM 232 Organic Chemistry Principles (4 cr)

Living World Complementary

Cell and Molecular Biology
BIOL 201 BIOL 300 BIOL 301 BIOL 313 BIOL 202

Human and Organismal Biology
BIOL 205 EDKP 395 NUTR 307 PHGY 210 EDKP 292
NUTR 207 PHGY 209

Populations, Ecosystems and Evolution
BIOL 215 BIOL 305 BIOL 331 BIOL 304 ENVB 305
BIOL 240 BIOL 308 BIOL 352 BIOL 310 EPSC 334

Complementary Science Course List
For the full list of course titles, descriptions and prerequisites see the B.Ed. Secondary Science and Technology eCalendar entry.

Complementary Science Courses (27 credits)
A minimum of 9 credits must be 300+ level courses chosen as follows

3 cr Living World
☐

3 cr Earth and Space
☐

3 cr Environment
☐

3 cr Technological World
☐

3 cr from any complementary list
☐

3 cr from any complementary list
☐

3 cr from any complementary list except Tech
☐

3 cr from any complementary list except Tech
☐

Earth and Space Complementary

ATOC 214	EPSC 201	EPSC 225	ESYS 300
ATOC 215	EPSC 203	EPSC 223	ESYS 301
ATOC 219	EPSC 210	EPSC 320	GEOG 272
ATOC 309	EPSC 212	EPSC 330	GEOG 321
ATOC 315	EPSC 220	EPSC 350	PHYS 214
ENVR 202	EPSC 21	ESYS 200	

Environment Complementary

ENVR 200	ENVR 203	GEOG 200	GEOG 205
ENVR 201	ENVR 301	GEOG 203	GEOG 221

Technological World Complementary

COMP 102*	COMP 206	COMP 364
COMP 202**	COMP 280*	MATH 204

*Students may take either COMP 102 or COMP 280, not both
**Credit will not be given for COMP 102 if taken concurrently with or after COMP 202

Material World Complementary

CHEM 222	MATH 222	PHYS 258	PHYS 342
CHEM 268	PHYS 224	PHYS 271	PHYS 432
CHEM 273	PHYS 230	PHYS 328	PHYS 434
CHEM 302	PHYS 232	PHYS 331	PHYS 439
CHEM 319	PHYS 241	PHYS 333	PHYS 446
CHEM 381	PHYS 242	PHYS 339	PHYS 447
CHEM 392	PHYS 257	PHYS 340	