

Student Name:

Student ID:

Date:

Credits to Complete:

Advanced Standing:

Bachelor of Education - Secondary Science & Technology



Department of
Integrated Studies
in Education

4-Year Program Overview

Admitted - Fall 2023

✓ Year 1 - Fall	✓ Year 2 - Fall	✓ Year 3 - Fall	✓ Year 4 - Fall
EDEC 215 English Exam for Teach. Cert. (0 cr) EDPE 300 Educational Psychology Subject Area Course Subject Area Course Subject Area Course one of: EDEC 248 Equity and Education EDEC 249 Global Ed. & Social Justice <b style="text-align: right;">15 credits	EDPI 341 Instruction in Inclusive Schools EDEC 262 Media, Technology and Education Subject Area Course Subject Area Course Subject Area Course <b style="text-align: right;">15 credits	EDEC 351 Third Year Profess. Seminar (2 cr) EDES 350 Classroom Practices **EDFE 351 Third Field Experience (8 cr) C: EDEC 351/EDES 350/EDFE 351 <b style="text-align: right;">13 credits	EDEC 247 Policy Issues in QC & Indig. Ed. EDTL 520 Perspectives on Knowledge in Math&Sci. Subject Area Course Elective <b style="text-align: right;">12 credits
✓ Year 1 - Winter	✓ Year 2 - Winter	✓ Year 3 - Winter	✓ Year 4 - Winter
EDEC 233 Indigenous Education EDEC 260 Phil. Foundations Subject Area Course Subject Area Course Subject Area Course <b style="text-align: right;">15 credits	*EDES 335 Teaching Secondary Science 1 EDPI 309 Diverse Learners Subject Area Course Subject Area Course <b style="text-align: right;">12 credits	EDTL 525 Teaching Science and Technology Subject Area Course Subject Area Course Subject Area Course Elective <b style="text-align: right;">15 credits	EDEC 404 Fourth Professional Seminar EDFE 451 Fourth Field Experience (7 cr) EDES 435 Teaching Secondary Science 2 ^EDPE 304 Measurement & Evaluation C: EDFE 404/EDFE 451 <b style="text-align: right;">16 credits
✓ Year 1 - Spring	✓ Year 2 - Spring	<div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> * 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 </div>	
EDEC 201 First Year Professional Seminar (1 cr) EDFE 200 First Field Experience (2 cr) C: EDEC 201/EDFE 200 <b style="text-align: right;">3 credits	EDEC 254 Second Prof. Sem. (1 cr) EDFE 254 Second Field Experience C: EDEC 254/EDFE 254 <b style="text-align: right;">4 credits		

For complete course listings, course descriptions and prerequisites, see the [eCalendar](http://www.mcgill.ca/x/3kf):
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	Complementary Science Course List For the full list of course titles, descriptions and prerequisites see the B.Ed. Secondary Science and Technology eCalendar entry.	
Core Complementary Science Courses (10 credits) <i>3 credits from:</i> BIOL 200 Molecular Biology LSCI 202 Molecular Cell Biology <hr/> <i>3 credits from</i> CHEM 203 Survey of Physical Chemistry CHEM 213 Introductory Physical Chemistry 1 <hr/> <i>4 credits from</i> CHEM 212 Introductory Organic Chemistry 1 (4 cr) CHEM 232 Organic Chemistry Principles (4 cr)	Complementary Science Courses (27 credits) <i>A minimum of 9 credits must be 300+ level courses chosen as follows</i> 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 3 cr from any complementary list except Living World For the full list of course titles, descriptions and prerequisites see the B.Ed. Secondary Science and Technology eCalendar entry	Earth and Space Complementary ATOC 214 EPSC 201 EPSC 225 ESYS 300 ATOC 215 EPSC 203 EPSC 233 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 221 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 267 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
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		