

Student Name:

Student ID:

Date:

Credits to Complete:

Advanced Standing:

Bachelor of Education - Secondary Science & Technology



4-Year Program Overview

Admitted - Fall 2023

✓ Year 1 - Fall	✓ Year 2 - Fall	✓ Year 3 - Fall	✓ Year 4 - Fall
<p>EDEC 215 English Exam for Teach. Cert. (0 cr) EDPE 300 Educational Psychology Subject Area Course Subject Area Course Subject Area Course</p> <p>one of: EDEC 248 Equity and Education EDEC 249 Global Ed. & Social Justice</p> <p style="text-align: right;">15 credits</p>	<p>EDPI 341 Instruction in Inclusive Schools EDEC 262 Media, Technology and Education Subject Area Course Subject Area Course Subject Area Course</p> <p style="text-align: right;">15 credits</p>	<p>EDEC 351 Third Year Profess. Seminar (2 cr) EDES 350 Classroom Practices **EDFE 351 Third Field Experience (8 cr)</p> <p style="color: red;">C: EDEC 351, EDES 350, EDFE 351</p> <p style="text-align: right;">13 credits</p>	<p>EDEC 247 Subject Area Course Subject Area Course Elective</p> <p style="text-align: right;">12 credits</p>
✓ Year 1 - Winter	✓ Year 2 - Winter	✓ Year 3 - Winter	✓ Year 4 - Winter
<p>EDEC 233 Indigenous Education EDEC 260 Phil. Foundations Subject Area Course Subject Area Course Subject Area Course</p> <p style="text-align: right;">15 credits</p>	<p>*EDES 335 Teaching Secondary Science 1 EDPI 309 Diverse Learners Subject Area Course Subject Area Course</p> <p style="text-align: right;">12 credits</p>	<p>EDTL 525 Teaching Science and Technology Subject Area Course Subject Area Course Subject Area Course Elective</p> <p style="text-align: right;">15 credits</p>	<p>EDEC 404 Fourth Professional Seminar EDFE 451 Fourth Field Experience (7 cr) EDES 435 Teaching Secondary Science 2 ^EDPE 304 Measurement & Evaluation</p> <p style="color: red;">C: EDFE 404/EDSL 451</p> <p style="text-align: right;">16 credits</p>
✓ Year 1 - Spring	✓ Year 2 - Spring	<div style="border: 1px solid red; padding: 5px;"> <p>* 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</p> </div>	
<p>EDEC 201 First Year Professional Seminar (1 cr) EDFE 200 First Field Experience (2 cr)</p> <p style="color: red;">C: EDEC 201/EDFE 200</p> <p style="text-align: right;">3 credits</p>	<p>EDEC 254 Second Prof. Sem. (1 cr) EDFE 254 Second Field Experience</p> <p style="color: red;">C: EDSL 254/EDFE 254</p> <p style="text-align: right;">4 credits</p>		

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	Earth and Space Complementary ATOC 214 EPSC 201 EPSC 233 ESYS 301 ATOC 215 EPSC 210 EPSC 303 GEOG 272 ATOC 219 EPSC 212 EPSC 320 GEOG 321 ATOC 309 EPSC 220 EPSC 350 PHYS 320 ATOC 315 EPSC 221 ESYS 200 ENVR 202 EPSC 225 ESYS 300 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 346 CHEM 273 PHYS 230 PHYS 328 PHYS 432 CHEM 302 PHYS 232 PHYS 331 PHYS 434 CHEM 381 PHYS 241 PHYS 333 PHYS 439 CHEM 392 PHYS 242 PHYS 339 PHYS 447 CHEM 429 PHYS 257 PHYS 340
Living World Complementary Cell and Molecular Biology BIOL 201 BIOL 202 BIOL 300 BIOL 301 BIOL 313 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 308 BIOL 352 ENVB 305 BIOL 240 BIOL 304 BIOL 310 BIOL 331 EPSC 334		