Student Name: Credits to Complete:	Student ID: Advanced Standing:	Date:									
Bachelor of Education - Secondary Mathematics											
Weight McGill Department of Integrated Studies 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	EDPI 341 Instruction in Inclusive Schools EDEC 262 Media, Technology and Education Subject Area Course Subject Area Course Subject Area Course	EDEC 351 Third Year Profess. Seminar (2 cr) EDES 350 Classroom Practices **EDFE 351 Third Field Experience (8 cr)	EDEC 247 Policy Issues in QC and Indig. Ed. Subject Area Course Subject Area Course Elective								
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								
EDEC 233 Indigenous Education EDEC 260 Phil. Foundations Subject Area Course Subject Area Course Subject Area Course	*EDES 344 Teaching Secondary Math 1 EDPI 309 Diverse Learners Subject Area Course Subject Area Course	Subject Area Course Subject Area Course Subject Area Course Subject Area Course Elective or Methods III (option)	EDEC 404 Fourth Professional Seminar EDFE 451 Fourth Field Experience (7 cr) EDES 453 Teaching Secondary Math 2 ^EDPE 304 Measurement & Evaluation								
15 credits	12 credits	15 credits	C: EDFE 404/EDSL 451 16 credits								
Vear 1 - Spring       EDEC 201     First Year Professional Seminar (1 cr)       EDFE 200     First Field Experience (2 cr)	✓     Year 2 - Spring       EDEC 254     Second Prof. Sem. (1 cr)       EDFE 254     Second Field Experience	*Prerequisite: 18 cr of university MATH courses at or above the 200 level. **Prerequisite: 24 cr of university MATH 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									
C: EDEC 201/EDFE 200 3 credits	C: EDSL 254/EDFE 254 4 credits										

For complete course listings, course descriptions and prerequisites, see the <u>eCalendar</u>: <u>www.mcgill.ca/x/3kq</u>

Freshman Courses (30 credits)		Elective courses (6 credits)			Notes		
30 credits completed in U0 / CEGEP / Advanced Standing				-			
Complementary I	Mathematics Courses (30 or 15 credits)	Required Mathematics Subject Area Courses (21		Ethics and Religi	ous Culture		History & Citizenship
MATH 235	Algebra 1	MATH 222 Calculus 3	6	6 credits from:			
MATH 242	Analysis 1	MATH 223 Linear Algebra		EDER 309	The Religious Quest		Choose 15 credits of HIST subject
Should be taken in Year 1 or Year 2		MATH 228 Classical Geometry		RELG 204	Judaism, Christianity and Islar	n	courses at the 200 level or higher
		MATH 315 Ordinary Differential Equations		<b>RELG 207</b>	Introduction to the Study of Re	eligions	
Complete 27 credi	ts from below without an	MATH 323 Probability		<b>RELG 309</b>	World Religions & Cultures the	ey Create	Recommended Methods Course: EDES 334
unofficial second t	eachable subject OR 12 credits	MATH 324 Statistics		RELG 252	Hinduism and Buddhism		
with a 15 credit un	official second teachable subject	MATH 338 History and Philosophy of Math					Biology
		Unofficial Second Teachable Subject Courses (1	5 credits) 6	6 credits from:			
COMP 202	Foundations of Programming	You may choose between the following areas:		EDER 209	Search for Authenticity		Choose 15 credits of BIOL subject
COMP 230	Logic and Computability	English, History & Citizenship, Geography, Ethi	ics	EDER 395	Moral Values and Human Acti	on	courses at the 200 level or higher
EDTL 520	Pers. on Knowledge in Math & Sci	and Religious Culture, Biology, Chemistry and		EDER 461	Society and Change		
MATH 235	Algebra 1	Physics.		EDER 473	Living with Insight		Recommended Methods Course: EDES 335
MATH 236	Algebra 2	Courses are taken from the lists, with approval from	n the	EDER 494	Human Rights & Ethics in Prace	ctice	
MATH 242	Analysis 1	Advisor.		PHIL 230	Introduction to Moral Philosop	hy 1	Chemistry
MATH 243	Analysis 2	Complete if only 15 cr Of Complementary Math cour	rses	PHIL 237	Contemporary Moral Issues		
MATH 314	Advanced Calculus	taken.					Choose 15 credits of CHEM subject
MATH 316	Complex Variables		6	6 credits from:			courses at the 200 level or higher
MATH 317	Numerical Analysis			CATH 200	Introduction to Catholicism		
MATH 318	Mathematical Logic**			EDER 252	Understanding and Teaching	Jewish Life	Recommended Methods Course: EDES 335
MATH 319	Introduction to Partial Diff. Equations			EDER 319	Teaching the Holocaust		
MATH 326	Nonlinear Dynamics and Chaos			EDER 394	Philosophy of God		Physics
MATH 327	Matrix Numerical Analysis			<b>RELG 270</b>	Religious Ethics and the Envir	onment	
MATH 329	Theory of Interest	See details on Unofficial Second Teachable options					Choose 15 credits of PHYS subject
MATH 340	Discrete Structures 2	Geography					courses at the 200 level or higher
MATH 346	Number Theory	(In addition, students may refer to the B.A. minor in Geography for additional courses they may take,					
MATH 348	Euclidean Geometry	with approval from advisor)					Recommended Methods Course: EDES 335
MATH 417	Linear Optimization						
MATH 423	Regression and Analysis of Variance	18 credits from: The Evolving Earth					
MATH 447	Introduction to Stochastic Processes	ENVR 202 Geo. Perspectives: World Envr F		GEOG 272	Earth's Changing Surface		
MATH 523	Generalized Linear Models (4 cr)	GEOG 200 Global Change: Past, Present ar	nd Future	GEOG 301	Geography of Nunavut		
MATH 524	Nonparametric Statistics (4 cr)	GEOG 205 Global Places and Peoples		GEOG 309	Geography of Canada		
MATH 525	Sampling Theory & Applications (4 cr)	GEOG 210 Geography of the World Econon	ny	GEOG 311	Economic Geography		
PHIL 210	Introduction to Deductive Logic 1**	GEOG 216 Cities in the Modern World		GEOG 311	Economic Geography		
		GEOG 217 Earth's Changing Surface		GEOG 331	Urban Social Geography		