

Freshman Courses (30 credits) 30 credits completed in U0 / CEGEP / Advanced Standing	Elective courses (6 credits)		Notes
Complementary Mathematics Courses (30 or 15 credits) MATH 235 Algebra 1 MATH 242 Analysis 1 <i>Should be taken in Year 1 or Year 2</i> 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 Pers. 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 Diff. 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**	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 Math	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 309 World Religions & Cultures they Create RELG 252 Hinduism and Buddhism	History & Citizenship Choose 15 credits of HIST subject courses at the 200 level or higher <i>Recommended Methods Course: EDES 334</i>
	Unofficial Second Teachable Subject Courses (15 credits) You may choose between the following areas: English, History & Citizenship, Geography, Ethics and Religious Culture, Biology, Chemistry and Physics. Courses are taken from the lists, with approval from the Advisor.	6 credits from: EDER 209 Search for Authenticity 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	Biology Choose 15 credits of BIOL subject courses at the 200 level or higher <i>Recommended Methods Course: EDES 335</i>
	<i>Complete if only 15 cr Of Complementary Math courses taken.</i> <i>See details on Unofficial Second Teachable options</i>	6 credits from: CATH 200 Introduction to Catholicism EDER 252 Understanding and Teaching Jewish Life EDER 319 Teaching the Holocaust EDER 394 Philosophy of God RELG 270 Religious Ethics and the Environment	Chemistry Choose 15 credits of CHEM subject courses at the 200 level or higher <i>Recommended Methods Course: EDES 335</i>
	Geography (In addition, students may refer to the B.A. minor in Geography for additional courses they may take, with approval from advisor) 18 credits from:	The Evolving Earth ENVR 202 Geo. Perspectives: World Envr Problems GEOG 200 Global Change: Past, Present and Future GEOG 205 Global Places and Peoples GEOG 210 Geography of the World Economy GEOG 216 Cities in the Modern World GEOG 217 Earth's Changing Surface	Physics Choose 15 credits of PHYS subject courses at the 200 level or higher <i>Recommended Methods Course: EDES 335</i>
	The Evolving Earth ENVR 202 Geo. Perspectives: World Envr Problems GEOG 200 Global Change: Past, Present and Future GEOG 205 Global Places and Peoples GEOG 210 Geography of the World Economy GEOG 216 Cities in the Modern World GEOG 217 Earth's Changing Surface	Earth's Changing Surface GEOG 272 Geography of Nunavut GEOG 301 Geography of Canada GEOG 309 Economic Geography GEOG 311 Economic Geography GEOG 311 Urban Social Geography GEOG 331	