

BSc General Degree Requirements

The BSc General Degree consists of ★120. At least ★72 must be taken in courses offered by the Faculty of Science. At least ★18 must be taken in courses offered by the Faculty of Arts. A maximum of ★18 in courses offered by faculties other than Science and Arts can be taken. If an outside minor is selected, then a maximum of ★30 in courses not offered by the faculties of Science and Arts is permitted.

Symbols: ★ Credits () Equivalent courses: † That level or higher. For example: † See note below
 credit can only be obtained in **ONE** of those courses STAT 200* means any STAT course at the 200, 300 or 400 level

★24 JUNIOR CORE REQUIREMENT Note a maximum ★42 at 100 level for degree includes junior core

★6 ENGLISH (max *3 WRS)	★6 PHYSICAL SCIENCES	★6 MATHEMATICAL SCIENCES	★6 LABORATORY SCIENCES
ENGL 102, 103, 108, 125 WRS 100, 101, 102, 104	CHEM 101, 102, 164 PHYS 114, 124 (144), 126 (146) ASTRO 120, 122(101)	MATH 114 (117, 134, 144, 154), 115 (118, 136, 146, 156), 125 CMPUT 101, 174, 175 STAT 151	BIOL 107, 108 EAS 100, 105 PSYCO 104

★36 MAJOR REQUIREMENT with at least ★12 at 300+ choose a major with a minor or **Double Major** (no minor)

Courses applicable to more than one area such as BIOCH, PALEO, GEOPH, and MA PH are ALL used towards the major or minor but not both.

PSYCHOLOGY <small>(limited options with non-science minor)</small>	PHYSICS	PHYSICAL SCIENCES (min ★42)	MATHEMATICS
STAT 151+ ★6 PSYCO 104, 105 ★6 PSYCO 258, 275, 282 ★6 PSYCO 223, 239, 241 ★3 Science PSYCO 4XX ★3 Arts PSYCO 4XX ★3 Science PSYCO 300+ ★3 Arts PSYCO 300+ ★6 Arts/Science PSYCO 200+ † Required but not part of the *36	★6 PHYS 144 (124), 146 (126) ★9 PHYS 244, 271 (208), 281 ★3 PHYS 294 or 295 ★3 PHYS 310, 362, 372, 381 ★9 PHYS+ 300+ ★6 PHYS+ † Chosen from ASTRO, GEOPH, MA PH, or PHYS	★9 CHEM 101, 102, 261 (164) ★6 PHYS 144 (124), 146 (126) ★3 PHYS 271 (208) ★3 CHEM 211, 241, PHYS 294 ★12 Physical Sciences† 300+ ★9 Physical Sciences† Minimum ★12 in each of Chemistry and Physics courses † Chosen from ASTRO, BIOCH, CHEM, GEOPH, MA PH or PHYS	★3 MATH 114 (117, 134, 144, 154) ★3 MATH 115 (118, 136, 146, 156) ★3 MATH 125 (127) ★3 MATH 214 (217) ★3 MATH 215 (317) ★3 MATH 216 (students presenting MATH 118, 217 or 317 must substitute this requirement with MATH+ 200+) ★3 MATH 225 (227) ★3 MATH+ 4XX ★12 MATH from one of the following combinations: a) ★3 MATH 228 and ★9 MATH+ 300+ OR b) ★3 MATH 334 (336), ★3 MATH+ 200+ and ★6 MATH+ 300+ † Chosen from MATH or MA PH
CHEMISTRY	EARTH & ATMOSPHERIC SCIENCES	STATISTICS	COMPUTING SCIENCES
★12 CHEM 101, 102, 261(164), 263 ★3 CHEM 4XX ★3 CHEM 211, 241, 282 ★9 CHEM 300+ ★9 CHEM or BIOCH	★3 EAS 100 ★3 EAS+ 4XX ★9 EAS+ 300+ ★21 EAS+ † Chosen from EAS, GEOPH, PALEO	★12 STAT 151, 252, 265, 266 ★3 STAT 378 ★3 STAT 4XX ★6 STAT 300+ ★12 STAT 200+	★3 CMPUT 174 ★3 CMPUT 175 ★6 CMPUT 201, 204, 229, 272, 291 ★3 CMPUT 4XX ★9 CMPUT 300+ ★12 CMPUT

BIOLOGICAL SCIENCES BIOS=BIOCH, BIOIN, BIOL, BOT, CELL, ENT, GENET, IMIN, MA SC, MMI (except MMI 100 & 133), MICRB, NEURO, PALEO, PHYSL, PMCOL, ZOO

★3 BIOL 107 ★3 BIOL 108 ★3 BIOL 207 or 208 ★3 Ecology, evolution or diversity ★3 Genetics, molecular (or micro-) biology ★3 Physiology, cell, developmental biology ★18 BIOS 200, 300 and 400 level	EED, GMB, PCDB subject areas do not include BIOCH, CELL, MMI, NEURO, PHYSL, PMCOL	Must include: ★9 with a laboratory component (excludes: BIOL 107, 108 and ★3 BIOL 207 or 208 already completed) ★3 at the 400 level and ★9 at the 300 level or higher
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★24 MINOR REQUIREMENT

Science Minor Min ★24 with at least ★6 at 300+

PSYCHOLOGY	PHYSICS	PHYSICAL SCIENCES (min *27)	MATHEMATICS
STAT 151+ ★6 PSYCO 104, 105 ★3 PSYCO 258, 275, 282 ★3 PSYCO 223, 239, 241 ★3 Science PSYCO 300+ ★3 Arts PSYCO 300+ ★6 Arts/Science PSYCO 200+ †Required but not part of the *24	★6 PHYS 144 (124), 146 (126) ★9 PHYS 244, 271 (208), 281 ★3 PHYS 294 or 295 ★3 PHYS 310, 362, 372, 381 ★3 PHYS+ 300+ † Chosen from ASTRO, GEOPH, MA PH, or PHYS	★9 CHEM 101, 102, 261 (164) ★6 PHYS 144 (124), 146 (126) ★6 Physical Sciences+ 300+ ★6 Physical Sciences+ Minimum ★9 in each of Chemistry and Physics courses †Chosen from ASTRO, BIOCH, CHEM, GEOPH, MA PH or PHYS	★3 MATH 114 (117, 134, 144, 154) ★3 MATH 115 (118, 136, 146, 156) ★3 MATH 125 (127) ★3 MATH 214 (217) ★3 MATH 225 (227) ★9 MATH from one of the following combinations: a) ★3 MATH 215 or MATH 228 and ★6 MATH+ 300+; OR b) ★3 MATH 317, ★3 MATH+ 200+ and ★3 MATH+ 300+ † Chosen from MATH or MA PH
CHEMISTRY	EARTH & ATMOSPHERIC SCIENCES	STATISTICS	COMPUTING SCIENCE
★12 CHEM 101, 102, 261(164), 263 ★3 CHEM 211, 241, 282 ★6 CHEM 300+ ★3 CHEM or BIOCH 200+	★3 EAS 100 ★6 EAS+ 300+ ★15 EAS+ † Chosen from EAS, GEOPH, PALEO	★12 STAT 151, 252, 265, 266 ★3 STAT 378 ★3 STAT 300+ ★6 STAT 200+	★3 CMPUT 174 ★3 CMPUT 175 ★6 CMPUT 201, 204, 229, 272, 291 ★6 CMPUT 300+ ★6 CMPUT
BIOLOGICAL SCIENCES	BIOINFORMATICS	BIOINFORMATICS	BIOINFORMATICS
BIOS= BIOCH, BIOIN, BIOL, BOT, CELL, ENT, GENET, IMIN, MA SC, MMI (except MMI 100 & 133), MICRB, NEURO, PALEO, PHYSL, PMCOL, ZOO ★3 BIOL 107 Must include ★6 at the 300 level or higher ★3 BIOL 108 ★3 BIOL 207 or 208 ★3 Ecology, evolution or diversity † ★3 Genetics, molecular (or micro-) biology † ★3 Physiology, cell, developmental biology † ★6 BIOS 200+ †EED, GMB, PCDB subject areas do not include BIOCH, CELL, MMI, NEURO, PHYSL, PMCOL	(Paired with BIOS major) ★3 BIOL 207 or 221 ★3 GENET 270 ★6 CMPUT 174(274), 175(275) ★6 CMPUT 201, 291 ★6 BIOIN 301, 401^ ^ Requires GENET 3XX and CMPUT 3XX as pre-requisites; Courses used in BIOIN minor CANNOT also be used for courses in the major	(Paired with CMPUT major) ★9 BIOL 107, 108, 207 ★3 GENET 270 ★6 BIOIN 301, 401^ ★6 CMPUT 201, 204, 229, 272, 291, 301, 366, 391, 410, 466	

Arts Minor Min ★24 with at least ★6 at 300+ including [course requirements](#) specified by Faculty of Arts

Ancient & Medieval History Anthropology Arts & Design Central/East European Studies Christian Theology Classical Language (Greek & Latin) Classical Studies Comparative Literature Creative Writing	Drama East Asian Studies Economics English Film Studies French German History History of Art, Design & Visual Culture	Human Geography International Studies Italian Studies Latin American Studies Linguistics Music Native Studies Philosophy Polish	Political Science Religious Studies Russian Scandinavian Science, Technology & Society Sociology Spanish Ukrainian Ukrainian Folklore Women's and Gender Studies
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Outside Minor Min ★24 - ★30 including [course requirements](#) specified by faculties of Business or Agriculture, Life and Environmental Sciences

BUSINESS	AGRICULTURE	HUMAN ECOLOGY	NUTRITION
★6 ECON 101, 102 ★3 ACCTG 311 ★3 SMO 301 ★6 FIN 301, MARK 301, OM 352, SMO 321 ★6 Business Options	★12 AN SC 101(200), AREC 200, PL SC 221 REN R 210 ★12 AN SC 300+, AREC 300+, ENCS 300+, PL SC 300+, REN R 307, 360, 364, 376, 441, 442, 443, 444, 445, 446, 462, 464, 465, 467, 474, 476, 482(483)	★3 HECOL 100 ★9 HECOL 300+ ★12 HECOL 200+	★3 NUTR 100, ★9 NU FS 305, 356, 373+ ★12 NUTR 380 (480), NU FS 200, 223, 363, 374, 377, 427, 428 †Requires CHEM 261, 263 as pre-requisites, CHEM 102 pre or co-requisite
GRADUATION REQUIREMENTS GPA of at least 2.0 on the last ★60 credited to the degree GPA of at least 2.3 on all courses successfully completed in the Major GPA of at least 2.0 in the final Fall/Winter (satisfactory standing)		*Note: Credit will be granted in only one of ANAT 200, REHAB 350, PHER 350, KIN 100 (PEDS 100) in any Science degree	