

Exclusions for active science courses 2022-2023. Students may not count for credit toward a degree any course which is listed as an exclusion for a course in which they are currently registered or which they have already passed. **Please confirm the exclusion by checking the course description in the Academic Calendar at mta.ca/calendar.**

Course Code	Course Title	Exclusion
BIOC-2001	Enzymology and Metabolism	Any version of BIOC 2001 previously offered with a different title
BIOC-3031	Molecular Analyses	BIOC 3021; BIOC 3531
BIOC-3041	Nucleic Acids Biochemistry	BIOC 4911 Nucleic Acids
BIOC-3051	Molecular Immunology	BIOC 4011
BIOC-3501	Advanced Metabolism	BIOC 3501 Metabolism
BIOC-4201	Environ. Phys & Bioc of Animal	BIOC 4201 previously offered with a different title
Course Code	Course Title	Exclusion
BIOL-1001	Foundations of Biology	Any version of BIOL 1001 previously offered with a different title
BIOL-2101	Introduction to Ecology	Any version of BIOL 2101 previously offered with a different title
BIOL-2201	Form and Function: Microorgani	BIOL 3101
BIOL-2301	Form and Function: Plants	Any version of BIOL 2301 previously offered with a different title
BIOL-2401	Form and Function: Animals	Any version of BIOL 2401 previously offered with a different title
BIOL-2701	Intro Design & Stat Analysis	BIOL 3701; any version of BIOL 2701 previously offered with a different title
BIOL-2811	Genetics and Evolution	BIOL 2601; BIOL 2801
BIOL-3021	Palaeontology	GENS 3991 Introduction to Palaeontology
BIOL-3031	Molecular Analyses	BIOC 3021; BIOC 3531
BIOL 3041	Ecotoxicology	BIOL 3991 Ecotoxicology
BIOL-3051	Molecular Immunology	BIOC 4011
BIOL-3111	Environmental Microbiology	Any version of BIOL 3111 previously offered with a different title
BIOL-3211	Human Physiology	Any version of BIOL 3201 offered prior to 2015-2016; Any version of BIOL 3211 offered with a different title
BIOL-3221	Human Anatomy	BIOL 3991 Human Anatomy
BIOL-3301	Physiological Plant Ecology	BIOL 4301
BIOL-3371	Principles of Aquaculture	BIOL 3991 Principles of Aquaculture
BIOL-3421	Biogeography	GEOG 3421
BIOL-3471	Limnology	GENS 3991 Stressors on Freshwater Systems; GENS 3991 Limnology
BIOL-3511	Invertebrate Zoology	BIOL 4511

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BIOL-3631	Embryology	BIOL 3311; Any version of BIOL 3631 previously offered with a different title
BIOL-3641	Genetic Regulation of Dev	BIOL 3311
BIOL-3781	Tropical Marine Biology	BIOL 4701
BIOL-4201	Environmental Physiology	Any version of BIOL 4201 previously offered with a different title
BIOL-4311	Neurophysiology	BIOL 4991 Special Topics in Neurophysiology
BIOL-4371	Adv Topics in Marine Science	Any version of BIOL 4371 previously offered with a different title
BIOL-4411	Ecology and Biology of Fishes	BIOL 3411
BIOL-4621	Genes, Cells, and Disease	BIOL 3991 Genes Cells and Disease; BIOL 4991 Genes Cells and Disease
Course Code	Course Title	Exclusion
CHEM-2111	Organic Chemistry I	CHEM 2101; CHEM 2131; CHEM 2141
CHEM-2121	Organic Chemistry II	CHEM 2101; CHEM 2131; CHEM 2151
CHEM-2311	Inorganic Chem I:Coordination	CHEM 3311
CHEM-2411	Analytical Chem I	CHEM 3411
CHEM-2511	Intro to Environmental Chem	Any version of CHEM 2511 previously offered with a different title
CHEM-3111	Organic Chemistry II	CHEM 2121 Organic Chemistry II
CHEM 3121	Intermediate Organic Chemistry	CHEM 3111 Intermediate Organic Chemistry
CHEM-3231	Physical Chem II: Quant Mech & Spect	Any version of CHEM 3231 previously offered with a different title
CHEM-3261	Physical Chem: Surface	CHEM 3991 Surface and Interfacial Chemistry; CHEM 4261
CHEM-3271	Nanoscience and Nanotechnology	CHEM 3991-Nanoscience and Nanotechnology -14/WI 16/WI
CHEM-327L	Lab: Nanoscience and Nanotech	CHEM 3991-Nanoscience and Nanotechnology -14/WI 16/WI
CHEM 3521	Environmental Chemistry	CHEM 4521 Environmental Chemistry
CHEM-3751	Energy Prod & the Environ	Any version of PHYS 3751 previously offered with a different title
CHEM-4131	Advanced Organic Chemistry	CHEM 4101; any version of CHEM 4131 previously offered with a different title
CHEM-4141	Physical Organic Chemistry	CHEM 4111; any version of CHEM 4141 previously offered with a different title
CHEM-4331	Inorg Chem: Organometallics	CHEM 3331
CHEM-4341	Inorganic Chem:Physical Aspec	CHEM 4311
CHEM-4361	Inorg Chem: Structure & Bond.	CHEM 3361

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CHEM-4831	Adv Quantum Mechanics	Any version of PHYS 4831 previously offered with a different title
Course Code	Course Title	Exclusion
COMP-1631	Intro to Computer Science	COMP 1611; COMP 1711; any COMP course at the 2000 level or higher
COMP 2711	Object-Oriented Design and Method	COMP 3721
COMP-3621	Advanced Data Structures	COMP 2631
Course Code	Course Title	Exclusion
GENS-1401	The Physical Environment	GEOG 1401
GENS 2111	Climate Change and People	GENV 2991 Climate Change and People
GENS-2411	Geomorphology	GEOS 2401; GEOG 2411
GENS-2421	Weather and Climate	GEOG 2421
GENS-2431	Data Analysis	GEOG 2711
GENS-2441	Geographic Info Systems	GEOG 2721; GEOG 3711
GENS 3041	Ecotoxicology	BIOL 3991 Ecotoxicology
GENS 3101	Env Cons in the Global South	Any version of GENV 3101 previously offered with a different title
GENS-3401	Research Methods in Env Sci	GEOG 3401
GENS-3421	Biogeography	GEOG 3421
GENS-3431	Fundy's Megatidal Biogeography	GENS 3991 Funy Mega-Tidal Biogeography
GENS-3451	Earth System Science	ENVS 3001
GENS-3471	Limnology	GENS 3991 Stressors on Freshwater Systems; GENS 3991 Limnology
GENS-3881	Indigenous Peoples: Ecology, Science & Tech	GENS 3991- Indigenous Peoples: Ecology (Fall 2018)
GENS-4421	Seminar in Environment	any version of GENS 4421 previously offered with a different title
GENS-4701	Advanced Field Course	GEOG 4701
GENS-4721	Advanced GIS	GENS 4951 Advanced Geographic Information Systems
GENS-4881	Seminar in Environmental Issues: Indigenous Perspectives	GENS 4991- Environmental Issues: Indigenous Perspectives (Winter 2019)

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Course Code	Course Title	Exclusion
MATH-1011	Functions	Any version of MATH 1011 previously offered with a different title
MATH-1111	Calculus I	MATH 1151; any version of MATH 1111 previously offered with a different title
MATH-1121	Calculus II	Any version of MATH 1121 previously offered with a different title
MATH-1151	Applied Calculus	MATH 1111
MATH-2121	Differential Equations	Any version of MATH 2121 previously offered with a different title
MATH 2321	Statistical Methods for Data Science	Any version of MATH 2321 previously offered with a different title
MATH-3131	Differential Equations II	Any version of MATH 3131 previously offered with a different title
MATH-3161	Complex Variables	MATH 4131
MATH-3251	Graph Theory	Any version of MATH 3251 previously offered with a different title.
MATH 4011	Set Theory & Intro to Cat Theory	MATH 3011
MATH-4121	Real Analysis II	MATH 3121
MATH-4311	Probability & Statistics II	MATH 3321
Course Code	Course Title	Exclusion
PHYS-1041	Physics for the Life Sciences	PHYS 1051
PHYS-1051	General Physics I	PHYS 1041
PHYS-3231	Advanced Physical Chemistry	CHEM 3221; any version of CHEM 3231 previously offered with a different title
Course Code	Course Title	Exclusion
PSYC-2011	Research Design & Analysis II	PSYC 2101 Research Design and Analysis
PSYC-2101	Biopsychology	PSYC 2051
PSYC-2121	Behaviour Modification	PSYC 2011 Learning and Memory
PSYC-2201	Cognitive Processes	PSYC 3021 Cognition
PSYC-2301	Social Psychology	PSYC 3081
PSYC-2431	Child & Adolescent Dev	PSYC 2401; PSYC 2411
PSYC-2601	Psych of Abnormal Behaviour	PSYC 3061

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PSYC-2701	Personality	PSYC 3071
PSYC-3111	Conditioning	PSYC 3011 Conditioning (Format Lecture 3 Hours Laboratory 3 Hours
PSYC 3141	Social Neuroscience	PSYC 3991 Social Neuroscience
PSYC-3151	Drugs & Behaviour	PSYC 2111
PSYC-3211	Sensation & Perception	PSYC 3121 Sensation and Perception
PSYC-3221	Psychology of Language	PSYC 3141; any version of PSYC 3221 previously offered with a different title
PSYC-3241	Forensic Psychology	PSYC 3991 Forensic Psychology
PSYC-3421	Adulthood and Aging	PSYC 2421
PSYC-3511	Psychology of Gender	PSYC 2501; any version of PSYC 3511 previously offered with a different title
PSYC-3601	Intro to Clinical Psychology	PSYC 3501 Introduction to Clinical Psychology
PSYC-3821	Child Psychopathology	PSYC 3501 Child Psychopathology
PSYC 3851	Sport Psychology	PSYC 3991 Sport Psychology
PSYC-4311	Adv Topics in Sexuality	Any PSYC 4991 previously offered as an advanced special topic in Sexuality
PSYC-4421	Adv Top in Social Development	PSYC 4501 Advanced Topics in Social Development
PSYC-4611	Adv Top in Health Psychology	PSYC 4501 Advanced Topics in Health Psychology
PSYC 4801	Psychology, Science, and Sci-Fiction	PSYC 4991 Psychology, Science, and Science-Fiction