

**Exclusions for active science courses 2024-2025.** 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](http://mta.ca/calendar).**

<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
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
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
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
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
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-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
CHEM-4831	Adv Quantum Mechanics	Any version of PHYS 4831 previously offered with a different title

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<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
COMP-1631	Intro to Computer Science	COMP 1611; COMP 1711; any COMP course at the 2000 level or higher
COMP 2611	Data Structures and Algorithms	Any version of COMP 2611 previously offered with a different title
COMP 2711	Object-Oriented Design and Method	COMP 3721
COMP-3621	Advanced Data Structures	COMP 2631
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
DATA 4001	Methods in Data Science	Any version of DATA 4001 previously offered with a different title
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
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

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GENS-4881	Seminar in Environmental Issues: Indigenous Perspectives	GENS 4991- Environmental Issues: Indigenous Perspectives (Winter 2019)
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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 3311	Probability and Statistics	Any version of MATH 3311 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
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
PHYS-1041	Physics for the Life Sciences	PHYS 1051
PHYS-1051	General Physics I	PHYS 1041
PHYS 2811	Modern Physics	PHYS 3811
PHYS-3231	Advanced Physical Chemistry	CHEM 3221; any version of CHEM 3231 previously offered with a different title
<b>Course Code</b>	<b>Course Title</b>	<b>Exclusion</b>
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

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PSYC-2301	Social Psychology	PSYC 3081
PSYC-2431	Child & Adolescent Dev	PSYC 2401; PSYC 2411
PSYC-2601	Psych of Abnormal Behaviour	PSYC 3061
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 3351	Motivation and Emotion	PSYC 3991 Motivation and Emotion
PSYC 3371	Industrial and Organizational Psychology	PSYC 3991 Industrial/Organizational 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 4371	And Top in Industrial and Organizational Psychology	PSYC 4991 Advanced Topics in Organizational Psychology
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