

OK
 JML
 Kpr'd to
 Course Schedule
 + Degree Eval.
 09/5.

SCTP Course Retirements -- Legend

- [c] Complementary -- The course is complementary to the program. Students must take a specified number of credits from a list of complementary courses to complete their program, so if a complementary course is retired the program can still be successfully completed.
- [r] Required -- The course is required for completion of the program; if a student does not take the course they cannot complete the program.
- [r*] Required* - There are equivalent courses that can be used to fill the program requirements.
- [p] Prerequisite -- Students must take the course before they can take the next course.
- [p*] Prerequisite* - There are equivalent courses that can be used as prerequisites that are not on the course-retirement list.
- [co] Co-requisite -- Students must take the course at the same time as another course.
- [mt] Multi-term -- Students must complete the two courses either in two successive semesters (courses with D1/D2) or within a specified time period (N1/N2) in order to receive credit for the courses.
- [e] Equivalent -- The course is similar to another course, and therefore if students have taken one course they may not take the other too.
- [**] - The affected course is also on the course-retirement list.

Faculty of Science

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code
ATOC	199	FYS:Weather, Climate, History	3.000	2012/05	Yes: HIST 196 FYS - Weather/Climate/History (3 credits) [e]	Zero enrolment for five years	Science	NOTE: ARTS CS.*
ATOC	330	Physical Meteorology	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	616	Top-Geophysical Fluid Dynamics	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	666	Topics In Ocean Circulation	3.000	2012/05	Yes: Master of Science (M.Sc.) Atmospheric and Oceanic Sciences (Thesis) (45 credits); Master of Science (M.Sc.) Atmospheric and Oceanic Sciences (Thesis) -- Environment (45 credits) [c for all]	Zero enrolment for five years	Science	
ATOC	673	Reading Course: Oceanography 2	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	681	Adv in Meteor&Phys Ocean	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	698	Thesis Research 1	16.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	400D1	Indep Study of an Env Problem	1.500	2012/05	Yes: ATOC 400D2 Independent Study of an Environmental Problem (1.5 credits) [**mt]	Zero enrolment for five years	Science	
ATOC	400D2	Indep Study of an Env Problem	1.500	2012/05	Yes: ATOC 400D1 Independent Study of an Environmental Problem (1.5 credits) [**mt]	Zero enrolment for five years	Science	
ATOC	642D1	Weather Briefing	1.000	2012/05	Yes: ATOC 642D2 Weather Briefing (1 credit) [**mt]	Zero enrolment for five years	Science	
ATOC	642D2	Weather Briefing	1.000	2012/05	Yes: ATOC 642D1 Weather Briefing (1 credit) [**mt]	Zero enrolment for five years	Science	
ATOC	654D1	Synoptic Meteorology	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	654D2	Synoptic Meteorology	3.000	2012/05	No	Zero enrolment for five years	Science	
ATOC	698N1	Thesis Research 1	8.000	2012/05	Yes: ATOC 698N2 Thesis Research 1 (8 credits) [**mt]	Zero enrolment for five years	Science	
ATOC	698N2	Thesis Research 1	8.000	2012/05	Yes: ATOC 698N1 Thesis Research 1 (8 credits) [**mt]	Zero enrolment for five years	Science	
BIOL	341	History of Life	3.000	2012/05	Yes: Minor Natural History (24 credits); Major Environment - Biodiversity and Conservation (63 credits) (Science and AES); Interfaculty Program Environment (54 credits) [c for all]	Zero enrolment for five years	Science	NOTE: ARTS + Agr. + Env. Sci. * CS
BIOL	505	Diversity&Systematics Seminar	3.000	2012/05	Yes: Major Environment - Biodiversity and Conservation (63 credits) (Science and AES) [c for all]	Zero enrolment for five years	Science	NOTE: Agr. + Env. Sci. CS *

* Omitted "NOTE" from original e-mail of 09/20/12.

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code												
BIOL	572	Molecular Evolution	3.000	2012/05	Yes: Major Computer Science and Biology (73 credits); Major Biology and Mathematics (76 credits); Major Biology, Evolutionary Biology Concentration [c for all]	Zero enrolment for five years	Science		✓											
BIOL	641	Issues in Tropical Biology	3.000	2012/05	Yes: Master of Arts (M.A.) Sociology (Thesis) — Neotropical Environment (48 credits) [c]	Zero enrolment for five years	Science													
CHEM	123	General Chemistry Laboratory	1.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	237	General Analytical Chem Lab 2	1.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	301	Modern Inorganic Chem 2	3.000	2012/05	Yes: Secondary Science and Technology (120 credits); Minor Concentration Science for Arts Students (18 credits) [c for all]	Zero enrolment for five years	Science		✓	NOTE: Education. CS *										
CHEM	307	Analytical Chem of Pollutants	3.000	2012/05	Yes: Honours Atmospheric Science - Atmospheric Chemistry (70 credits) [c]; Major Atmospheric Science - Atmospheric Chemistry (61 credits) [c]; Honours Chemistry - Atmosphere and Environment (75 credits) [c]; Major Chemistry - Atmosphere and Environment (63 credits) [c]; Major Concentration Chemistry with Minor Biology for Teachers (135 credits) [c]; Major Concentration Chemistry with Minor Physics for Teachers (135 credits) [c]; Major Environment - Atmospheric Environment and Air Quality (60 credits) [r]; Minor Environmental Engineering (21 credits) [c]; Secondary Science and Technology (120 credits) [c]; Minor Concentration Science for Arts Students (18 credits) [c]; Bachelor of Arts and Science (B.A. & Sc.) - Major Concentration Chemistry (36 credits) [c]	Zero enrolment for five years	Science			NOTE: Arts, Education, Engineering. ✓ CS.										
CHEM	350	Earth, Air, Fire, Water	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	543	Chemistry of Pulp & Paper	3.000	2012/05	Yes: Major Chemistry - Materials (62 credits) [c]; Honours Chemistry - Materials (74 credits) [c]; CHEM 686 Wet-End Papermaking Chemistry (3 credits) [***p]	Zero enrolment for five years	Science		✓											
CHEM	576	Quantum Chemistry	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	577	Electroanalytical Chem	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	603	Infrared & Raman Spectroscopy	5.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	627	Special Topics 1	5.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	643	Organic Chem/Wood Components	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	645	Quantum Mechanics	5.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	648	Physical Chem: Special Topic 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
CHEM	667	Special Topics 3	4.000	2012/05	No ✓	Zero enrolment for five years	Science													

* = Omitted "NOTE" from original e-mail of 09/20/12.

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code										
CHEM	672	The Polymer Solid State	4.000	2012/05	No	Zero enrolment for five years	Science											
CHEM	675	Mech Props & Rheology-Polymers	4.000	2012/05	No	Zero enrolment for five years	Science											
CHEM	686	Wet-End Papermaking Chemistry	3.000	2012/05	No	Zero enrolment for five years	Science											
CHEM	696	M.Sc. Thesis Research 6	6.000	2012/05	Yes: Master of Science (M.Sc.) Chemistry (Thesis)(45 credits); Master of Science (M.Sc.) Chemistry (Thesis) — Chemical Biology(45 credits) [** for both] c	Zero enrolment for five years	Science											
CHEM	699	Project	15.000	2012/05	Yes: Master of Science, Applied (M.Sc.A.) Chemistry (Non-Thesis)(45 credits) [r]	Zero enrolment for five years	Science											
CHEM	721	Organic Chem Research Seminar	3.000	2012/05	No	Zero enrolment for five years	Science											
CHEM	763	Research Report 2	3.000	2012/05	No	Zero enrolment for five years	Science											
CHEM	490D1	Research Project 3	1.500	2012/05	Yes: Honours Physics and Chemistry(80 credits) [c]; Honours Chemistry(71 credits) [c]; Honours Chemistry - Atmosphere and Environment(75 credits) [c]; Honours Chemistry - Bio-organic(75 credits) [c]; CHEM 490 Research Project 2 (3 credits) [p/co]; CHEM 490D2(1.5 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	490D2	Research Project 3	1.500	2012/05	Yes: Honours Physics and Chemistry(80 credits) [c]; Honours Chemistry(71 credits) [c]; Honours Chemistry - Atmosphere and Environment(75 credits) [c]; Honours Chemistry - Bio-organic(75 credits) [c]; CHEM 490 Research Project 2 (3 credits) [p/co]; CHEM 490D1(1.5 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	626D1	Fundamentals of Medicinal Chem	2.000	2012/05	Yes: CHEM 626D2 Fundamentals of Medicinal Chemistry(2 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	626D2	Fundamentals of Medicinal Chem	2.000	2012/05	Yes: CHEM 626D1 Fundamentals of Medicinal Chemistry(2 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	645D1	Quantum Mechanics	2.500	2012/05	Yes: CHEM 645D2 Quantum Mechanics(2.5 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	645D2	Quantum Mechanics	2.500	2012/05	Yes: CHEM 645D1 Quantum Mechanics(2.5 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	666D1	Special Topics 2	3.000	2012/05	Yes: CHEM 666D2 Special Topics 2(3 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	666D2	Special Topics 2	3.000	2012/05	Yes: CHEM 666D1 Special Topics 2(3 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	699D1	Project	7.500	2012/05	Yes: CHEM 699D2 Project(7.5 credits) [**mt]	Zero enrolment for five years	Science											
CHEM	699D2	Project	7.500	2012/05	Yes: CHEM 699D1 Project(7.5 credits) [**mt]	Zero enrolment for five years	Science											
COMP	435	Basics of Computer Networks	3.000	2012/05	Yes: Liberal Program - Core Science Component Software Engineering (49 credits) [e]; Major Computer Science - Computer Games (67 credits) [c]; COMP 614 Distributed Data Management (4 credits) [p*]; COMP 535 Computer Networks 1 (3 credits) [e]	Zero enrolment for five years	Science											

REQUIRED: Need prog. revision on retirement. c

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code										
COMP	505	Advanced Computer Architecture	3.000	2012/05	Yes: Master of Science (M.Sc.) Mathematics and Statistics (Thesis) — Computational Science and Engineering (47 credits) [c]; Master of Science (M.Sc.) Computer Science (Thesis) — Computational Science and Engineering (45 credits) [c]; Master of Engineering (M.Eng.) Mechanical Engineering (Thesis) — Computational Science and Engineering (46 credits) [c]; ^a Master of Engineering (M.Eng.) Electrical Engineering (Thesis) — Computational Science and Engineering (47 credits) [c]	Zero enrolment for five years	Science											NOTE: ENGINEERING. CE ✓
COMP	507	Computational Geometry	3.000	2012/05	Yes: Major Computer Science - Computer Games (67 credits); Doctor of Philosophy (Ph.D.) Computer Science [c for all]	Zero enrolment for five years	Science											
COMP	577	Distributed Database Systems	3.000	2012/05	Yes: Program Doctor of Philosophy (Ph.D.) Computer Science [c]	Zero enrolment for five years	Science											
COMP	623	Concurrent Programming Lang	4.000	2012/05	Yes: Doctor of Philosophy (Ph.D.); Computer Science [c]	Zero enrolment for five years	Science											
COMP	648	Motion Planning and Robotics	4.000	2012/05	Yes: Program Doctor of Philosophy (Ph.D.); Computer Science [c]	Zero enrolment for five years	Science											
COMP	656	Run-Time Language Support	4.000	2012/05	Yes: Program Doctor of Philosophy (Ph.D.); Computer Science [c]	Zero enrolment for five years	Science											
ENVR	465	Environment & Social Change	3.000	2012/05	MSE Yes: Major Environment - Atmospheric Environment and Air Quality (60 credits) [c]; Major Environment - Food Production and Environment (63 credits) (Science and AES) [c]; ENVR 466 Research in Atlantic Canada (6 credits) [**co]	Zero enrolment for five years	Science											NOTE: Arts + Agr. + Env. Sci * CE ✓
ENVR	466	Research in Atlantic Canada	6.000	2012/05	Yes: ENVR 465 Environment and Social Change (3 credits) [**co]	Zero enrolment for five years	Science											
ENVR	480	Topics in Environment 2	3.000	2012/05	NO YES ENVR 490	Zero enrolment for five years	Science											

Absolute coreq. will be removed.

* = Omitted "NOTE" from original e-mail of 09/20/12.

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code													
ENVR	580	Topics in Environment 3	3.000	2012/05	Yes: MA Geography (Thesis, 45 cr.) [c]; PhD Biology - Environment [c]; LLM Law (Thesis), Environment (45 cr.) [c]; MA Anthropology (Thesis) - Environment (45 cr.) [c]; LLM Law (Non-thesis), Environment (45 cr.) [c]; PhD Renewable Resources - Environment [c]; PhD Parasitology - Environment [c]; PhD Microbiology - Environment [c]; PhD Experimental Medicine - Environment [c]; PhD Entomology - Environment [c]; PhD Earth and Planetary Sciences - Environment [c]; MSc Microbiology (Thesis) - Environment (46 cr.) [c]; PhD Plant Science - Environment [c]; MSc Entomology (Thesis) - Environment (46 cr.) [c]; MSc Biology (Thesis) - Environment (48 cr.) [c]; PhD Geography - Environment [c]; PhD Bioresource Engineering - Environment [c]; MSc Renewable Resources (Thesis) - Environment (46 cr.) [c]; MSc Plant Science (Thesis) - Environment (48 cr.) [c]; MSc Experimental Medicine (Thesis) - Environment (45 cr.) [c]; MSc Earth and Planetary Sciences (Thesis) - Environment (48 cr.) [c]; MScA Bioresource Engineering (Non-Thesis) - Environment (45 cr.) [c]; MSc Parasitology	Zero enrolment for five years	Science													M.A. in Sociology; Environment M.Sc. in Geography; Environment Ph.D. in Sociology M.Sc. in Public Health (Non-Thesis) M.Sc. in Atmospheric + Oceanic Sciences Ph.D. in Philosophy; Environment. NOTE: ARTS; AGR. + Env. Sci.; LAW; Medicine. * <u>CS</u> ✓	
ENVR	611	The Economy of Nature	3.000	2012/05	Yes: PhD Biology - Environment; PhD Renewable Resources - Environment; PhD Parasitology - Environment; PhD Microbiology - Environment; PhD Experimental Medicine - Environment; PhD Entomology - Environment; PhD Earth and Planetary Sciences - Environment; PhD Plant Science - Environment; MSc Microbiology (Thesis) - Environment (46 cr.); MSc Entomology (Thesis) - Environment (46 cr.); PhD Geography - Environment; MSc Biology (Thesis) - Environment (48 cr.); PhD Bioresource Engineering - Environment; MSc Renewable Resources (Thesis) - Environment (46 cr.); MSc Plant Science (Thesis) - Environment (48 cr.); MSc Experimental Medicine (Thesis) - Environment (45 cr.); MSc Earth and Planetary Sciences (Thesis) - Environment (48 cr.); MScA Bioresource Engineering (Non-Thesis) - Environment (45 cr.); PhD Sociology - Environment; MSc Parasitology (Thesis) - Environment (46 cr.); MSc Geography (Thesis) - Environment (45 cr.); MSc Bioresource Engineering (Thesis) - Environment (46 cr.); MA Sociology (Thesis) - Environment (48 cr.); MA Geography (Thesis) - Environment (45 cr.); MSc Public Health (Non-	Zero enrolment for five years	Science														M.Sc. in Bioresource Engineering, Environment M.Sc. in Atmospheric + Oceanic Sciences; Environment M.A. in Sociology; Neotrop Environ. LL.M. in Law; Environment Ph.D. in Philosophy; Environment. M.A. in Anthropology; Environment LL.M. in Law; Non-Thesis - Environment. NOTE: AGRI. + Env. Sci.; ARTS; LAW; MEDICINE <u>CS</u> ✓
ENVR	612	Tropical Environmental Issues	3.000	2012/05	Yes: Master of Arts (M.A.); Sociology (Thesis) — Neotropical Environment (48 credits) [c]	Zero enrolment for five years	Science												NOTE: ARTS. <u>CS</u>		
EPSC	405	Planetary Geology	3.000	2012/05	Yes: Secondary Science and Technology (120 credits) [c] <u>B.ED.</u>	Zero enrolment for five years	Science												NOTE: EDUCATION. <u>CS</u>		

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code											
EPSC	451	Hydrothermal Mineral Deposits	3.000	2012/05	Yes: Program Minor Geology (18 credits) [c]; Liberal Program - Core Science Component Earth and Planetary Sciences (45 credits) [c]; Program Major Earth and Planetary Sciences (66 credits) [c]; Honours Planetary Sciences (81 credits) [c]; Honours Earth Sciences (75 credits) [c]; Program Major Earth System Science (57 credits) [c]; EPSC 562 Ore-forming Processes 2 (3 credits) [p*]; EPSC 561 Ore-forming Processes 1 (3 credits) [p*]	Zero enrolment for five years	Science												
EPSC	525	Subsurface Mapping	3.000	2012/05	Yes: Liberal Program - Core Science Component Earth and Planetary Sciences (45 credits); Honours Planetary Sciences (81 credits); Honours Earth Sciences (75 credits); Major Earth System Science (57 credits) [c for all]	Zero enrolment for five years	Science												
EPSC	545	Low-Temperature Geochemistry	3.000	2012/05	Yes: Program Minor Geochemistry (18 credits) [c]	Zero enrolment for five years	Science												
EPSC	546	Diagenesis	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	601	Felsic Igneous Petrology	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	603	Mafic Igneous Rocks	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	613	Regional Structural Analysis	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	631	Field Studies - Orogenic Belts	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	706	Advanced Sedimentology	6.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	710	Geotectonics	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	715	Instrumental Analysis	3.000	2012/05	No ✓	Zero enrolment for five years	Science												
EPSC	483D1	Independent Studies 2	1.500	2012/05	Yes: EPSC 483D2 Independent Studies 2 (1.5 credits) [**mt]	Zero enrolment for five years	Science												
EPSC	483D2	Independent Studies 2	1.500	2012/05	Yes: EPSC 483D1 Independent Studies 2 (1.5 credits) [**mt]	Zero enrolment for five years	Science												
EPSC	631D1	Field Studies - Orogenic Belts	1.500	2012/05	Yes: EPSC 631D2 Field Studies - Orogenic Belts (1.5 credits) [**mt]	Zero enrolment for five years	Science												
EPSC	631D2	Field Studies - Orogenic Belts	1.500	2012/05	Yes: EPSC 631D1 Field Studies - Orogenic Belts (1.5 credits) [**mt]	Zero enrolment for five years	Science												
EPSC	706D1	Advanced Sedimentology	3.000	2012/05	Yes: Course EPSC 706D2 Advanced Sedimentology (3 credits) [**mt]	Zero enrolment for five years	Science												
EPSC	706D2	Advanced Sedimentology	3.000	2012/05	Yes: Course EPSC 706D1 Advanced Sedimentology (3 credits) [**mt]	Zero enrolment for five years	Science												
GEOG	398	Field St in Human Geography	3.000	2012/05	Yes: Major Concentration Geography (37 BA credits) (Arts); Honours Geography (61 credits) (Arts) [c for all] B.A.	Zero enrolment for five years	Science												

NOTE: ARTS. ✓

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code	
GEOG	497	Ecology of Coastal Waters	3.000	2012/05	Yes: Liberal Program - Core Science Component Geography (49 credits) [c]; Major Geography (58 credits) (Science); Honours Geography (66 credits) (Science) [c]; Major Concentration Geography (37 credits) (Arts) [c]; Honour Geography (61 cr.) (Arts) [c]; Major Environment - Environmetrics (63 credits) (Science and AES) [c]; Major Environment - Biodiversity and Conservation (63 credits) (Sc and AES) [c]; Honours Canadian Studies (57 credits) [c]; Joint Honours Component Canadian Studies (36 credits) [c]; Major Concentration Canadian Studies (36 credits) [c]; Minor Concentration Canadian Studies (18 credits) [c]; ENVR 466 Research in Atlantic Canada (6 credits) [**co]; ENVR 465 Environment and Social Change (3 credits) [**co]; Bachelor of Arts and Science (B.A. & Sc.) - Major Concentration Geography - Physical Geography (36 credits) [c]	Zero enrolment for five years	Science		
									<p>B.A. ✓</p> <p>NOTE: AGRI.+ENV.SCI. + ARTS. CS - ✓</p>
GEOG	508	Resources, People and Power	3.000	2012/05	Yes: Land Surface Processes and Environmental Change (63 credits) (under Science and Ag&EnvSc); Minor Environment (18 credits) (Science and Ag&EnvSc); Diploma in Environment (30 credits); Joint Honours Component International Development Studies (36 credits); Honours International Development Studies (57 credits); Honours East Asian Studies (60 credits); Interfaculty Program in Sustainability, Science and Society (54 credits); Faculty Program Environment and Development (54 credits); Major Concentration International Development Studies (36 credits); Minor Concentration International Development Studies (18 credits); Major Concentration East Asian Studies (36 credits) [c for all]	Zero enrolment for five years	Science		
									<p>B.A. ✓</p> <p>NOTE: AGRI.+ENV.SCI. and ARTS. CS ✓</p> <p>Prog.rev. 04/26/12.</p>
GEOG	513	Behavioural Geography	3.000	2012/05	No ✓	Zero enrolment for five years	Science		
GEOG	522	Adv Environmental Hydrology	3.000	2012/05	Yes: Diploma in Meteorology (30 credits); Liberal Program - Core Science Component Geography (49 credits); Major Geography (58 credits); Major Earth System Science (57 credits); Honours Geography (66 credits); Major Environment - Water Environments and Ecosystems - Physical (63 credits); Land Surface Processes and Environmental Change (63 credits) (Science and Ag&EnvSc); Major Environment - Water Environments and Ecosystems - Biological (60 credits) (Science and Ag&EnvSc); Program Major Environment - Water Environments and Ecosystems - Physical (63 credits); Interfaculty Program Environment (54 credits) [c for all]	Zero enrolment for five years	Science		
									<p>B.A. ✓</p> <p>NOTE: AGRI.+ENV.SCI. and ARTS. CS ✓</p>

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GEOG	604	Economic Geog: Selected Topics	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
GEOG	608	Cultural Geography Part 1	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
GEOG	610	Social Geog: Selected Topics	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
GEOG	633	Remote Sensing	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
GEOG	634	Quantitative Meth in Geography ✓	3.000	2012/05	Yes: Master of Arts (M.A.) Geography (Thesis) — Social Statistics (45 credits) [r]	Zero enrolment for five years	Science													
GEOG	635	Interp-Air Photos&Imagery	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
GEOG	688	Seminar on Social Statistics	3.000	2012/05	Yes: Master of Arts (M.A.) Geography (Thesis) — Social Statistics (45 credits) ; Master of Arts (M.A.) Political Science (Non-Thesis) — Social Statistics (45 credits) [c for all]	Zero enrolment for five years	Science													
MATH	199	FYS:Chaos,Fractals&Complexity	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
MATH	328	Computability&Math Linguistics	3.000	2012/05	Yes: Liberal Program - Core Science ✓ Component Mathematics (45 credits) [c]; Major Mathematics (54 credits) [c]; Liberal Program - Core Science Component Statistics (45 credits) [c]; Major Concentration Mathematics (36 credits) (Arts) [c]; Major Mathematics for Teachers (135 credits) [c]; MATH 628 ✓ Mathematical Linguistics (4 credits) [**p]; Program Honours Linguistics (60 credits) [c]; Minor Concentration Mathematics (18 credits) (Arts) [c] ✓ + eCalendar edit. ✓	Zero enrolment for five years	Science													
MATH	339	Foundations of Mathematics	3.000	2012/05	Yes: Liberal Program - Core Science ✓ Component Mathematics (45 credits); Major Mathematics (54 credits); Liberal Program - Core Science Component Statistics (45 credits); Honours Mathematics (60 credits); Program Honours Applied Mathematics (60 credits); Program Supplementary Minor Concentration in Mathematics (18 credits) (Arts); Major Mathematics for Teachers (135 credits); ✓ Honours Applied Mathematics (60 credits); Major Concentration Mathematics (36 credits) (Arts); Program Minor Concentration Mathematics (18 credits) (Arts); Program Minor Concentration History and Philosophy of Science (18 credits) [c for all] ✓	Zero enrolment for five years	Science													
MATH	561	Analytical Mechanics	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
MATH	603	Lie Groups & Lie Algebras 1	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
MATH	606	Algebraic Topology	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
MATH	609	Lie Groups & Lie Algebras 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science													
MATH	612	Algebraic Curves	4.000	2012/05	No ✓	Zero enrolment for five years	Science													

REQUIRED - NEED PROG. REVISION- CS ✓

NOTE: ARTS. CS

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Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code										
MATH	614	Theory of Rings	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	615	Commutative Algebra	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	616	Homological Algebra	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	622	Categories 1	4.000	2012/05	Yes: MATH 623 Categories 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	623	Categories 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	624	Applied Category Theory 1	4.000	2012/05	Yes: MATH 625 Applied Category Theory 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	625	Applied Category Theory 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	626	Advanced Group Theory 1	4.000	2012/05	Yes: Course MATH 627 Advanced Group Theory 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	627	Advanced Group Theory 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	628	Mathematical Linguistics	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	631	Complex Function Theory 1	4.000	2012/05	Yes: Course MATH 632 Complex Function Theory 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	632	Complex Function Theory 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	633	Harmonic Analysis 1	4.000	2012/05	Yes: MATH 634 Harmonic Analysis 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	634	Harmonic Analysis 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	636	Functional Analysis 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	637	Partial Differential Equat's 3	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	639	Intro to Potential Theory	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	651	Asymp Expans&Perturbation Meth	4.000	2012/05	Yes: Master of Science (M.Sc.) Mathematics and Statistics (Thesis) — Computational ✓ Science and Engineering (47 credits); Master of Science (M.Sc.) Computer Science (Thesis) — Computational Science and Engineering (45 credits); Master of Engineering (M.Eng.) Mechanical Engineering (Thesis) — Computational Science and Engineering (46 credits); Master of Engineering (M.Eng.) Electrical Engineering (Thesis) — Computational Science and Engineering (47 credits) [c for all] ✓	Zero enrolment for five years	Science											
MATH	658	Advanced Numerical Analysis 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	670	Random Process	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	674	Experimental Design	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	676	Multivariate Analysis	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	677	Decision Theory	4.000	2012/05	No ✓	Zero enrolment for five years	Science											

NOTE: Engineering. CS ✓

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code										
MATH	678	Applied Statistical Meth 1	4.000	2012/05	Yes: MATH 679 Advanced Statistical Methods 2 (4 credits) [**p] ✓	Zero enrolment for five years	Science											
MATH	679	Advanced Statistical Meth 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	682	Matrix Theory - Stat&Other App	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	683	Linear Models	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	684	Applied Sampling Techniques	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	704	Topics in Mathematical Logic	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	706	Topics in Geom & Topology 1	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	707	Topics in Geom & Topology 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	721	Topics in Algebra 2	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	743	Topics in Microlocal Analysis	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	744	Topics in Spectral Theory	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	756	Topics in Optimization	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	763	Topics in Diff. Equns.	4.000	2012/05	No ✓	Zero enrolment for five years	Science											
MATH	764	Topics in PDEs	4.000	2012/05	No	Zero enrolment for five years	Science											
MATH	765	Topics in Numerical Analysis	4.000	2012/05	No	Zero enrolment for five years	Science											
MATH	771	Theory of Stochastic Processes	4.000	2012/05	No	Zero enrolment for five years	Science											
MATH	772	Topics in Stochastic Processes	4.000	2012/05	No	Zero enrolment for five years	Science											
MATH	784	Topics in Probability	4.000	2012/05	No	Zero enrolment for five years	Science											
MATH	669D1	CSE Seminar	0.500	2012/05	Yes: Program Master of Science (M.Sc.) Mathematics and Statistics (Thesis) — Computational Science and Engineering (47 credits) [r]; MATH 669D2 CSE Seminar (0.5 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	669D2	CSE Seminar	0.500	2012/05	Yes: Master of Science (M.Sc.); Mathematics and Statistics (Thesis) — Computational Science and Engineering (47 credits) [r]; MATH 669D1 CSE Seminar (0.5 credits) [**mt]	Zero enrolment for five years	Science											
MATH	669N1	CSE Seminar	0.500	2012/05	Yes: MATH 669N2 CSE Seminar (0.5 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	669N2	CSE Seminar	0.500	2012/05	Yes: MATH 669N1 CSE Seminar (0.5 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	790D1	Language Requirement	0.000	2012/05	Yes: MATH 790D2 Language Requirements [**mt] ✓	Zero enrolment for five years	Science											
MATH	790D2	Language Requirement	0.000	2012/05	Yes: MATH 790D1 Language Requirements [**mt] ✓	Zero enrolment for five years	Science											
MATH	791D1	Sem in Math Logic	3.000	2012/05	Yes: MATH 791D2 Seminars in Mathematical Logic (3 credits) [**mt] ✓	Zero enrolment for five years	Science											

REQUIRED- NEED PROGRAM REVISION. ✓

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code										
MATH	791D2	Sem in Math Logic	3.000	2012/05	Yes: MATH 791D1 Seminars in Mathematical Logic (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	792D1	Sem in Algebra	3.000	2012/05	Yes: MATH 792D2 Seminars in Algebra (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	792D2	Sem in Algebra	3.000	2012/05	Yes: MATH 792D1 Seminars in Algebra (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	794D1	Sem in Geom & Topology	3.000	2012/05	Yes: MATH 794D2 Seminars in Geometry and Topology (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	794D2	Sem in Geom & Topology	3.000	2012/05	Yes: MATH 794D1 Seminars in Geometry and Topology (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	796D1	Sem in Analysis	3.000	2012/05	Yes: MATH 796D2 Seminars in Analysis (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	796D2	Sem in Analysis	3.000	2012/05	Yes: MATH 796D1 Seminars in Analysis (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	797D1	Sem in Applied Math	3.000	2012/05	Yes: MATH 797D2 Seminars in Applied Mathematics (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	797D2	Sem in Applied Math	3.000	2012/05	Yes: MATH 797D1 Seminars in Applied Mathematics (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	798D1	Sem in Stats & Probability	3.000	2012/05	Yes: Course MATH 798D2 Seminars in Statistics and Probability (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
MATH	798D2	Sem in Stats & Probability	3.000	2012/05	Yes: Course MATH 798D1 Seminars in Statistics and Probability (3 credits) [**mt] ✓	Zero enrolment for five years	Science											
PHYS	199	FYS: Physics and Biology	3.000	2012/05	No ✓	Zero enrolment for five years	Science											
PHYS	204	Planets, Stars & Galaxies	3.000	2012/05	Yes: Course PHYS 182 Our Evolving Universe (3 credits); PHYS 183 The Milky Way Inside and Out (3 credits) [B for all] restriction ✓	Zero enrolment for five years	Science											
PHYS	671	Nuclear Structure	3.000	2012/05	No ✓	Zero enrolment for five years	Science											
PHYS	672	Nuclear Reactions	3.000	2012/05	No ✓	Zero enrolment for five years	Science											
PSYC	098	Teaching Methods	0.000	2012/05	No ✓	Zero enrolment for five years	Science											
PSYC	343	Language Learning in Children	3.000	2012/05	Yes: Honours Linguistics (60 credits); Liberal Program - Core Science Component Psychology (45 credits); Major Psychology (54 credits); Program Honours Psychology (60 credits); Program Minor Concentration Behavioural Science (18 credits); Honours Psychology (60 credits); Major Concentration Psychology (36 credits) [c for all] ✓ B.A. ✓ B.A. ✓ B.A. ✓ B.A. ✓	Zero enrolment for five years	Science											
PSYC	353	Laboratory in Human Perception	3.000	2012/05	Yes: Liberal Program - Core Science Component Psychology (45 credits); Major Physiology (65 credits); Major Psychology (Science) (54 credits); Honours Psychology (Science) (60 credits); Minor Concentration Behavioural Science (18 credits); Honours Cognitive Science (60 credits); Interfaculty Program Cognitive Science (54 credits); Honours Psychology (Arts) (60 credits); Major Concentration Psychology (Arts) (36 credits); PSYC 511 Infant Competence (3 credits) [**p], [c for all] ✓ B.A. ✓ B.A. ✓ B.A. ✓ B.A. ✓	Zero enrolment for five years	Science											

NOTE: ARTS. CS ✓

NOTE: ARTS. CS ✓

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code												
PSYC	726	Personality&Social Psychology	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	735	Developmental Psych & Language	3.000	2012/05	Yes: Doctor of Philosophy (Ph.D.) Linguistics — Language Acquisition; Doctor of Philosophy (Ph.D.) Educational Studies — Language Acquisition; Doctor of Philosophy (Ph.D.) Communication Sciences and Disorders — Language Acquisition; Doctor of Philosophy (Ph.D.) Psychology — Language Acquisition [c for all] ✓	Zero enrolment for five years	Science													
PSYC	737	Developmental Psych & Language	3.000	2012/05	Yes: Doctor of Philosophy (Ph.D.) Linguistics — Language Acquisition; Doctor of Philosophy (Ph.D.) Educational Studies — Language Acquisition; Doctor of Philosophy (Ph.D.) Communication Sciences and Disorders — Language Acquisition; Doctor of Philosophy (Ph.D.) Psychology — Language Acquisition [c for all] ✓	Zero enrolment for five years	Science													
PSYC	744	Perception & Cognition	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	745	Perception & Cognition	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	750	Quantitative&Indiv Difference	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	751	Quantitative&Indiv Difference	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	754	Health Psychology Seminar 2	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	755	Health Psychology Seminar 3	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	756	Health Psychology Seminar 4	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	757	Health Psychology Seminar 5	3.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	758	Health Psychology Seminar 6	3.000	2012/05	Yes: Doctor of Philosophy (Ph.D.) Psychology; Doctor of Philosophy (Ph.D.) Psychology — Psychosocial Oncology; Doctor of Philosophy (Ph.D.) Psychology — Language Acquisition [c for all] ✓	Zero enrolment for five years	Science													
PSYC	780	Sp Topics in Clinical Psych	6.000	2012/05	No ✓	Zero enrolment for five years	Science													
PSYC	481D1	Honours Thesis Research	3.000	2012/05	Yes: PSYC 481D2 Honours Thesis Research (3 credits) [**mt] ✓	Zero enrolment for five years	Science													
PSYC	481D2	Honours Thesis Research	3.000	2012/05	Yes: PSYC 481D1 Honours Thesis Research (3 credits) [**mt] ✓	Zero enrolment for five years	Science													
APPROVALS:		Name, Signature, Date																		
Department:																				
Faculty:																				
SCTP:																				

NOTE: ARTS, EDUCATION, MEDICINE, CS

CS ✓

Subject	Crs num	Course title	Credit weight	Retire After...	Does this retirement affect a program? Indicate Yes or No and indicate program title(s) and credit weight for each.	Reason for retirement	Faculty	Dept Code
PSYC	758	Health Psychology Seminar 6	3.000	2012/05	Yes: Doctor of Philosophy (Ph.D.) Psychology; Doctor of Philosophy (Ph.D.) Psychology — Psychosocial Oncology; Doctor of Philosophy (Ph.D.) Psychology — Language Acquisition [* for all]	Zero enrolment for five years	Science	
PSYC	780	Sp Topics in Clinical Psych	6.000	2012/05	No	Zero enrolment for five years	Science	
PSYC	481D1	Honours Thesis Research	3.000	2012/05	Yes: PSYC 481D2 Honours Thesis Research (3 credits) [**mt]	Zero enrolment for five years	Science	
PSYC	481D2	Honours Thesis Research	3.000	2012/05	Yes: PSYC 481D1 Honours Thesis Research (3 credits) [**mt]	Zero enrolment for five years	Science	

Repeat from page 13.

APPROVALS: Name, Signature, Date

Department: **SCTP**

Faculty: **APPROVED**

SCTP: **Sept. 20, 2012.**

DEAN OF SCIENCE
 AUGUST 20/12