

AC-04-89 Program/Major or Minor/Concentration Revision Form

		(09/2003)		
1.0 Degree Title Specify the two degrees for concurrent degree programs	2.0 Administering Faculty/Unit			
B.Sc.	Science			
	Offering Faculty/Department	<u> </u>		
1.1 Major (Legacy= Subject) (30-char. max.)	Mediicine/Physiology			
Joint Major in Physiology and Physics				
1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)	3.0 Effective Term of revision or Please give reasons in 8.0"R (Ex. Sept. 2004 = 200409) Term Sept. 2005	retirement ationale" in the case of retirement		
1.3 Minor (with Concentration, if applicable)				
(30 char. max.)	4.0 Existing Credit Weight	Proposed Credit Weight		
	80 credits	80 credits		
	5.0 Description (Maximum 150 words)			
1.4 Category Faculty Program (FP) Honours (HON) Major Joint Honours Component (HC) Major Concentration (CON) Internship/Co-op Minor Non-Thesis (T) Non-Thesis (N) Other Please specify 1.5 Complete Program Title Joint Major in Physiology and Physics		es PHGY 212D1 and D2 into PHGY		
6.0 List of existing program and proposed program				
Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)	Proposed program (list cours Num, Title, Credit weight, under Complementary Courses, Electi	the headings of: Required Courses,		
See below	See below			

6.0 (Continued) List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Joint Major in Physiology and Physics (80 credits)

U1 Required Courses (17credits)

MATH 222 (3) Calculus III

PHGY 212D1* (2) Introductory Physiology Lab PHGY 212D2* (2) Introductory Physiology Lab PHYS 230 (3) Dynamics of Simple Systems

PHYS 232 (3) Heat and Waves
PHYS 257 (3) Experimental Methods I
PHYS 258 (3) Experimental Methods II

U1 Complementary Courses (12 credits)

MATH 223 (3) Linear Algebra or MATH 247 (3) Linear Algebra

PHGY 209 (3) Mammalin Physiology I and PHGY 210* (3) Mammalin Physiology II or PHGY 201 (3) Human Physiology: Control

Systems and PHGY 202 (3) Human Physiology: Body Functions

*The corequisite BIOL 200, BIOL 201 is waived for this program

U2 Required Courses (21 credits)

MATH 326 (3) Nonlinear Dynamics and Chaos PHGY 311 (3) Intermediate Physiology I PHGY 312 (3) Intermediate Physiology II

PHGY 313 (3) Intermediate Physiology III PHGY 314 (3) Integrative Neuroscience

PHYS 328 (3) Electronics

PHYS 339 (3) Measurements Laboratory

U2 Complementary Course (6 credits)

MATH 315 (3) Ordinary Differential Equations or MATH 325 (3) Ordinary Differential Equations

MATH 314 (3) Advanced Calculus or MATH 248 (3) Advanced Calculus I

U2 or U3 Required Courses (6 credits)

MATH 437 (3) Mathematical Methods in Biology PHYS 413 (3) The Physical Basis of Physiology

U3 Required Courses (18 credits)

BMDE 519 (3) Analysis of biomedical Systems and Signals

PHGY 461D1 (4.5) Experimental Physiology PHGY 461D2 (4.5) Experimental Physiology PHYS 333 (3) Thermal & Statistical Physics PHYS 340 (3) Electricity and Magnetism PHYS 446 (3) Quantum Physics Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Joint Major in Physiology and Physics (80 credits)

U1 Required Courses (17credits)

MATH 222 (3) Calculus III

PHGY 212* (2) Introductory Physiology Lab I
PHGY 213 (2) Introductory Physiology Lab II
PHYS 230 (3) Dynamics of Simple Systems

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PHYS 257 (3) Experimental Methods I PHYS 258 (3) Experimental Methods II

U1 Complementary Courses (12 credits)

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and PHGY 210* (3) Mammalin Physiology II or PHGY 201 (3) Human Physiology: Control

Systems

and PHGY 202 (3) Human Physiology: Body

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PHYS 446 (3) Quantum Physics

7.0 Consultation with Related Unitsh										
8.0 Rationale The splitting of spanned term course PHGY 212D1 and D2 into PHGY 212 Fall and PHGY 213 Winter. 9.0 Approvals Routing Sequence Name Signature Date Department Dr. E. Coocer Curric/Acad Committee Faculty 1 Faculty 2 Faculty 3 SCTP GS APPC Senate Submitted by Name Sonia Viseili @mooill.ca To be completed by ARR: CIP Code Email Sonia viseili@mooill.ca	7.0 Consultation with Related Units	☐ Yes	□ No		Financial Consult	☐Yes	□No			
8.0 Rationale The splitting of spanned term course PHGY 212D1 and D2 into PHGY 212 Fall and PHGY 213 Winter. 9.0 Approvals Routing Sequence Name Signature Date Department Dr. E. Coocer Curric/Acad Committee Faculty 1 Faculty 2 Faculty 3 SCTP GS APPC Senate Submitted by Name Sonia Viseili @mooill.ca To be completed by ARR: CIP Code Email Sonia viseili@mooill.ca	Attack list of consultations									
### Sonia Viselli Sonia viselli@mcoili.ca #### Sonia viselli@mcoili.ca #### Sonia viselli@mcoili.ca #### Sonia viselli@mcoili.ca #### Signature	Attach hist of consultations.									
Submitted by Sonia viselii@mooili.ca Signature Date Date										
Routing Sequence Name Signature Date Department Dr. E. Cooper Curric/Acad Committee Faculty 1 Faculty 2 Faculty 3 SCTP GS APPC Senate Submitted by Name Sonia Viselli Phone 3689 Email Sonia.viselli@mcoill.ca										
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Department Curric/Acad Committee Faculty 1 Faculty 2 Faculty 3 SCTP GS APPC Senate Submitted by Name Phone 3689 Email Dr. E. Cooper To be completed by ARR: CIP Code CIP Code			Nome		Cianatura		Data			
Curric/Acad Committee		D. F. O.			Signature		Date			
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Name Sonia Viselli Phone 3689 Email Sonia.viselli@mcqill.ca										
Email Sonia.viselli@mcaill.ca	Name	Sonia Vise	elli		To be completed by ARR:					
	Phone	3689			CIP Code					
Submission Date December 10. 2004	Email	Sonia.vise	lli@mcaill.ca							
	Submission Date	December	10. 2004							