



New Program/Major or Minor/Concentration Proposal Form

(07/2004)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>M.Sc.</p>	<p>2.0 Administering Faculty/Unit</p> <p>Graduate and Postdoctoral studies</p>
<p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Experimental Surgery</p>	<p>Offering Faculty/Department</p> <p>Faculty of Medicine/ Department of Surgery</p>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p>Surgical Education</p>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>201409</p>
<p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p>	

4.0 Rationale for new proposal

There is a rapidly growing demand and interest for Surgeons with an expertise and career path dedicated to surgical education. Increasingly, surgical residents within the Department of Surgery pursue educational research projects within Experimental Surgery. The current curriculum does not satisfy all of their needs with respect to developing expertise in surgical education (curricular development, instructional design, simulation, and research). This concentration will provide the basic education course work and research exposure for a candidate to obtain a firm foundation in surgical education. Currently, the Master's in Education Psychology, health professions stream is a potential program for Surgeons. However, since it is two year fulltime/ 4 year part time, surgical residents cannot participate due to clinical commitments / on call responsibilities which are higher than other health professions.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p>Bachelor's Program</p> <p>Master's</p> <p><input checked="" type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p>Certificate</p> <p>Diploma</p> <p>Graduate Certificate</p> <p>Graduate Diploma</p> <p>Ph.D. Program</p> <p>Doctorate Program (Other than Ph.D.)</p> <p>Private Program</p> <p>Off-Campus Program</p> <p>Distance Education Program (By Correspondence)</p> <p>Other (Please specify)</p>	<p>5.2 Category</p> <p>Faculty Program (FP)</p> <p>Major</p> <p>Joint Major</p> <p>Major Concentration (CON)</p> <p>Minor</p> <p>Minor Concentration (CON)</p> <p>Honours (HON)</p> <p>Joint Honours Component (HC)</p> <p>Internship/Co-op</p> <p><input checked="" type="checkbox"/> Thesis (T)</p> <p>Non-Thesis (N)</p> <p>Other</p> <p>Please specify</p> <p></p>	<p>5.3 Level</p> <p>Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p>Continuing Ed (Non-Credit)</p> <p>Collegial</p> <p><input checked="" type="checkbox"/> Masters & Grad Dips & Certs</p> <p>Doctorate</p> <p>Post-Graduate Medicine/Dentistry</p> <p>Graduate Qualifying</p> <p>Postdoctoral Fellows</p>
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<p>6.0 Total Credits</p> <p>45</p>	<p>7.0 Consultation with Related Units</p> <p>Yes <input checked="" type="checkbox"/> No</p> <p>Financial Consult Yes No</p> <p>Attach list of consultations.</p>
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8.0 Program Description (Maximum 150 words)

The Master's in Experimental Surgery, Concentration in Surgical Education provides a foundation in Surgical Education practice and research. The program highlights the unique teaching and learning environment of surgery coupled with a basis in educational theory, curricular design and implementation. A major emphasis of this program is surgical educational research with the elaboration, designs, implementation, and analysis of a research project founded in best practices of educational research. The research project may encompass but is not limited to surgical simulation, technical skills acquisition, surgical technology, and assessment

9.0 List of proposed program for the New Program/Major or Minor/Concentration.

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

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

Existing MSc in Experimental Surgery (Thesis) (45 cr.)**Thesis Courses (30 credits)**

- EXSU 690 M. Sc. Research 1 (4 credits)
- EXSU 691 M. Sc. Research 2 (4 credits)
- EXSU 692 M. Sc. Research 3 (4 credits)
- EXSU 693 M. Sc. Thesis (18 credits)

Required Courses (12 credits)

- EXSU 601 Knowledge Management (6 credits)
- EXSU 605 Biomedical Research Innovation (3 credits)
- EXSU 606 Statistics for Surgical Research (3 credits)

Complementary Courses (3 credits)

3 credits taken from 500, 600, 700 level courses in consultation with the Research Advisory Committee

Depending on their individual background, students may be asked by their Research Advisory Committee to take additional courses.

Proposed MSc in Experimental Surgery; *Surgical Education* (Thesis) (45 cr.)**Thesis Courses (30 credits)**

- EXSU 690 M. Sc. Research 1 (4 credits)
- EXSU 691 M. Sc. Research 2 (4 credits)
- EXSU 692 M. Sc. Research 3 (4 credits)
- EXSU 693 M. Sc. Thesis (18 credits)

Required Courses (12 credits)

- **EDPE 637 Issues in Health Professions Education (3 credits)**
- **EDPH 689 Teaching and Learning in Higher Education (3 credits)**
- EXSU 605 Biomedical Research Innovation (3 credits)
- EXSU 606 Statistics for Surgical Research (3 credits)

Complementary Courses (3 credits)

3 credits taken from 500, 600, 700 level courses ***in the student's specialty*** in consultation with the Research Advisory Committee

Depending on their individual background, students may be asked by their Research Advisory Committee to take additional courses.

The Current Admission Requirements for Msc in Experimental Surgery:

B.Sc., M.D., or D.V.M. degree is required, with a minimum CGPA of 3.2/4.0

2 letter of reference
CV
Transcripts
TOEFL (if necessary)
Research Proposal
Confirmation of supervisor
Memorandum of agreement

Education Concentration Admission Requirements:

B.Sc., M.D., D.V.M., a Bsc (Nursing) or Bsc (Rehabilitation Science) (Occupational and Physical Therapy) degrees are required, with a minimum CGPA of 3.2/4.0

Rationale for changes: Surgery is a complex and multidisciplinary environment involving many acute care areas including the emergency room, the operating room, the Intensive care, and ward. Surgery depends a lot on individual skill but also depends heavily and primarily on high functioning teams. It is in this context that other members of the surgical team would also be interested in the unique aspects of Surgical Education and wish to pursue a higher degree and further training. These members include nursing, physiotherapy and occupational therapy.

2 letters of reference
CV
Transcripts,
TOEFL, if necessary
Research Proposal
Confirmation of Supervisor
Memorandum of Agreement
Letter of Intent
Interview

Rationale for changes:

- The rationale for the added requirement of letter of intent and interview is to select truly committed individuals with a plan for a career in surgical education

Surgical Innovation Concentration Requirements:





B.Sc., M.D., or D.V.M. degree is required, with a minimum CGPA of 3.2/4.0

2 letters of reference
CV
Transcripts,
TOEFL, if necessary

Research Proposal
Confirmation of Supervisor
Memorandum of Agreement
Letter of Intent
Interview

Rationale for changes:

- The rationale for the added requirement of letter of intent and interview is to ensure the selection of individuals who will remain committed and to ensure that they have the desired abilities and skills to perform well in the surgical innovation program not only as individuals but also in a team setting.

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Gerald Fried		29 November 2013
Curric/Acad Committee	Lisbet Haolund		29/11/2013
Faculty 1 BCC	Dr David Rapdale		7/11/2014
Faculty 2	Dr Elaine Davis		9/11/2014
Faculty 3			
SCTP			
GS			
APPC			
Senate			

Submitted by		To be completed by ARR:	
Name	Christie Schneider		
Phone	514-934-1934 x 42837	CIP Code	
Email	Gradstudies.surgery@mcgill.ca		
Submission Date	29/11/2013		

You have my official OK.
Linda

From: Kevin Lachapelle, Dr.
Sent: December 3, 2013 12:02 PM
To: Linda Snell, Dr.
Subject: FW: Master' in Experimental Surgery concentration Surgical Education

Hello Linda

I am reminding you to give me an official ok for residents in experimental surgery, surgical education to enroll in your course.

Thanks a bunch

kevin

From: Alenoush Saroyan, Dr.
Sent: November 28, 2013 9:59 AM
To: Kevin Lachapelle, Dr.
Cc: Linda Snell, Dr.; Susan Kerwin-Boudreau, Dr.; Dianne Bateman, Prof
Subject: Re: Master' in Experimental Surgery concentration Surgical Education

Dear Kevin,

As Dianne has mentioned in her email, our collective experience with medical students/physicians registered in our courses has been extremely positive.

I just wanted to let you know that the Teaching and Learning course (EDPH-689) has a cap on enrolments and fills up very quickly. It is imperative that your students register for it way in advance, especially if their schedule necessitates the completion of this course at a specific time.

This course is offered typically in 2 sections in the fall and winter terms and in one section in the spring term.

I look forward to welcoming this new cohort into our courses.

Alenoush
Hello Kevin
I also would be in favor of welcoming surgical residents into EDPH 689.
Regards,
Susan Kerwin-Boudreau

From: Kevin Lachapelle, Dr.
Sent: Thursday, November 28, 2013 10:00 AM
To: Alenoush Saroyan, Dr.
Cc: Linda Snell, Dr.; Susan Kerwin-Boudreau, Dr.; Dianne Bateman, Prof
Subject: Re: Master' in Experimental Surgery concentration Surgical Education

Thanks for the support and information

Kevin

On Nov 28, 2013, at 9:59 AM, "Alenoush Saroyan, Dr." <alenoush.saroyan@mcgill.ca> wrote:

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Alenoush

Alenoush Saroyan
Professor

Graduate Program Director, Learning Sciences and Health Professions Education

McGill University | Department of Educational and Counselling Psychology | 3700
McTavish Street | Montréal, QC, H3A 1Y2 | tel: +1 (514) 398-5329 | fax: +1 (514) 398-
6968

From: "Kevin Lachapelle, Dr." <kevin.lachapelle@mcgill.ca>

Date: Wed, 27 Nov 2013 17:36:14 -0500

To: "Susan Kerwin-Boudreau, Dr." <susan.kerwin-boudreau@mcgill.ca>, Dianne Bateman
<dianne.bateman@mcgill.ca>

Cc: "Linda Snell, Dr." <linda.snell@mcgill.ca>, Alenoush Saroyan <alenoush.saroyan@mcgill.ca>

Subject: Master' in Experimental Surgery concentration Surgical Education

Hello Professors,

I am the Chair of Surgical Education at McGill and we are interested in creating a Concentration in Surgical Education within a pre-existing Master's given by the Department of Surgery.

An increasing number of surgical residents are interested in pursuing a career path centred around surgical education. As our surgical residents only have 12 -18 months off from clinical responsibilities to pursue a degree or some form of academic enrichment, the time commitment

for the Master's in Educational Psychology, health professions is tough for them to complete , especially once back in clinical work. We would like to compromise with substituting a few course from our Master's with those from the Master's in Educational Psychology, namely EDPE 637 given by Dr Snell and EDPH 689 given by Profs Kerwin-Boudreau and/or Bateman. I estimate 3-4 residents per year but they would bring a very unique perspective to your group. We would be willing to provide support to your course by presenting, lecturing, or any other means deemed suitable for surgeons.

Linda Snell and Dr Saroyan are both in favour of having a few surgical residents take these courses. If you all agree , I would need an official response from each of you to this email stating that you are in agree to having surgical residents in your course/program so that we can push forward the concentration. An email response will be sufficient.

If you have any questions I would be happy to discuss further.

Best regards

Kevin lachapelle
Hello Kevin,

I would be happy to welcome surgical residents into EDPH689. We have always enjoyed having participants from the Medical Scholars program in our courses, and as you point out, they add a unique perspective to the group.

I am sure the residents from your program will do the same.

Dianne Bateman

From: Kevin Lachapelle, Dr.
Sent: November 27, 2013 5:36 PM
To: Susan Kerwin-Boudreau, Dr.; Dianne Bateman, Prof
Cc: Linda Snell, Dr.; Alenoush Saroyan, Dr.
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Alenoush Saroyan
Professor

Graduate Program Director, Learning Sciences and Health Professions Education

McGill University | Department of Educational and Counselling Psychology | 3700 McTavish Street |
Montréal, QC, H3A 1Y2 | tel: +1 (514) 398-5329 | fax: +1 (514) 398-6968

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