



McGill

New Program/Major or Minor/Concentration Proposal Form

(2013)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p><input type="text" value="Graduate Diploma"/></p> <p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p><input type="text" value="Surgical Innovation"/></p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p><input type="text"/></p> <p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p><input type="text"/></p>	<p>2.0 Administering Faculty/Unit</p> <p><input type="text" value="GPS"/></p> <p>Offering Faculty/Department</p> <p><input type="text" value="Medicine/ Surgery"/></p> <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p><input type="text" value="201701"/></p>
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4.0 Rationale and Admission Requirements for New Proposal

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>M.Sc. (Applied) Program</p> <p>Dual Degree/Concurrent Program</p> <p>Certificate</p> <p>Diploma</p> <p>Graduate Certificate</p> <p><input checked="" type="checkbox"/> 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>Thesis (T)</p> <p><input checked="" type="checkbox"/> Non-Thesis (N)</p> <p>Other</p> <p>Please specify</p> <p><input type="text"/></p>	<p>5.3 Level</p> <p>Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p>Continuing Studies (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> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes No</p>
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<p>6.0 Total Credits</p> <p><input type="text" value="30"/></p>	<p>7.0 Consultation with Related Units Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Financial Consult Yes No <input checked="" type="checkbox"/></p> <p>Attach list of consultations. Did consult Real del Degan</p>
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8.0

The cores of this 30 credit program are two-fold. Firstly two innovation courses offered by the McGill Department of Surgery, Experimental Surgery (EXSU 620-Surgical Innovation & 621-Surgical Innovation 2) and supporting courses that are delivered by McGill Department of Surgery and with some sessions in those courses provided by external partners Local Industry (Regulatory & IP), the John Molson School of Business (JMSB) (lean start-up), Concordia University (software design) and L'École de technologie supérieure (ETS) (prototyping). Secondly fundamental business and management courses are taken concurrently provided by Continuing Studies (McGill) and JMSB and reinforce the innovation project team experience. Students embark on a hospital-based needs finding process by observing all aspect of clinical activity in their focus themes. The trainees learn basic prototyping skills, start up organization and project management. This is supplemented by a basic statistics course and an introduction to the current status of biomedical research innovation. This diploma then gives a business oriented training in the surgical

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)





Required courses (24 credits)


EXSU 605	Biomedical Research Innovation	3
EXSU 606	Statistics for Surgical Research	3
EXSU 620	Surgical Innovation 1	3
EXSU 621	Surgical Innovation 2	3
CORG 556	Managing and Engaging Team Work	3
GDBA 531	Professional Business Skills	3 or
CPL2 510	Communication and Networking Skills	3
GDBA 532	Accounting Elective	3 or
CACC 520	Accounting for Management	3
GDBA 534	Marketing Management	3 or
CMR2 542	Marketing Principles and Applications	3

Elective courses (6 credits)

6 credits taken at McGill University at the 500-level or higher in consultation with the program director.

Some courses may be substituted with equivalents at the 500 level or higher if timetabling or background of the student requires it. E.g. prior qualification in accounting.

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Gerald M. Fried, MD		March 3, 2016
Curric/Acad Committee	Anie Phillip, PhD		March 3, 2016
Faculty 1	DAVID RAGSDALE		March 22, 2016
Faculty 2	BAYNE DANIS		March 22, 2016
Faculty 3			
CGPS	SCTP		
SCTP	APPROVED		Apr. 7, 2016
APC			
Senate			

Submitted by 

Name	Jake Barralet	To be completed by ARR:
Phone	514-3983908	CIP Code
Email	jake.barralet@mcaill.ca	
Submission Date	Feb 26th 2016	

RATIONALE:

Graduate research training in surgery has traditionally been served by the Experimental Surgery Research Masters and PhD thesis programs. The skills required within the realm of surgical research can no longer only be met by the present curriculum in Experimental Surgery. A more tailored approach is in line with the particular research expertise and interest within the Department of Surgery and the candidates. 3 concentrations have been developed, Innovation, Education and Global Health. The core of teaching of the Innovation Concentration revolves around a needs finding and refinement process followed by brainstorming and prototype development. This is a highly surgically orientated process in which many residents are interested but are unable to commit tie to a graduate Masters Degree. **This Diploma provides a formal mechanism for participation in the Surgical Innovation with additional emphasis on the business and project management aspects of the innovation process. For surgery residents and applicants with an interest in the business and management aspects of Surgical Innovation this Diploma provides background and training on the process of team-based surgical device innovation and the management and business principles underlying it.** The Diploma is open to health care and research professionals, surgical

and medical residents, pharmacists, nurses, and those with a GPA in undergraduate degree of 3.0 or higher in the medical and allied sciences, or two or more years experience in the medical sector. The credits gained in this program may not automatically be transferred to another program prior to or after completion. Exceptions may apply in the case of a transfer prior to completion only in the case of extraordinary performance e.g, GPA 3.5 or higher in all courses and is at the discretion of the Graduate Studies Director. The Department of Surgery has not revised, reviewed or retired any programs as a result of this Graduate Diploma Proposal.

Audrey Simoneau, Ms.

From: France Bouthillier, Prof.
Sent: April-27-16 12:12 PM
To: Jake E. Barralet, Dr.
Cc: Victor Arshad, Mr.; Gerald Fried, Dr.; Kevin Lachapelle; Sandra Betton; GPS Graduate Program Proposals
Subject: Re: Academic Policy Committee (APC) Request for Guest RE: Diploma in Surgical Innovation

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Jake

As you know, at the GPS Council, more consultation with McGill units was requested for approving your program. The Dean of GPS, Josephine Nalbantoglu, did the consultation for you with the Dean of Continuing Studies, Judith Potter, and see below her recommendations.

Please make sure that you send to Maggie Do Couto the revised proposal for the Graduate Diploma on time for the next Council on May 9th (the latest deadline would be Wednesday May 4th).

The courses from Continuing Studies along with GDBA courses should be listed in the proposal.

We will append the email showing the consultation.

Your presence is not required this time.

Let me know if you have questions

Thanks.

France

France Bouthillier | Associate Dean / Vice-Doyenne | Graduate and Postdoctoral Studies/ Études supérieures et postdoctorales | McGill University | James Administration room 400 | 845 Sherbrooke St. West, Montreal, Quebec, Canada | H3A 0G4 | T: 514 398-1224 | F: 514 398-6283 |

Associate Professor / Professeure agrégée | School of Information Studies / École des sciences de l'information | McGill University | 3661 Peel room 110 | Montreal, Quebec, Canada | H3A 1X1 | T: 514 398-3362 | F: 514 398-7193 | <http://www.mcgill.ca/sis>
france.bouthillier@mcgill.ca

From: Judith Potter, Dr.
Sent: April-26-16 3:37 PM
To: Josephine Nalbantoglu, Dr. <josephine.nalbantoglu@mcgill.ca>
Cc: Carmen Sicilia, Dr. <carmen.sicilia@mcgill.ca>
Subject: Re: Academic Policy Committee (APC) Request for Guest RE: Diploma in Surgical Innovation

Hello again Jo:

I've reviewed the proposed substitutions that Jake gave to France with Carmen Sicilia (copied) as she is familiar with the content and with courses that have previously been approved by GPS to be offered as part of other graduate programs.

Here are our recommendations:

For GDBA 531 *Professional Business Skills* substitute CPL2 510 *Communication and Networking Skills* (as proposed by Jake)

For GDBA 533 *Marketing Management* substitute CMR2 542 *Marketing Principles and Applications* (as proposed by Jake)

For GDBA 533 *Managing People in Organizations* consider CORG 556 *Managing and Engaging Team Work* (rather than CORG 551 *Behaviour in Organizations* as this is a heavily theoretical course and CORG 556 is more applied)

For GDBA 532 *Accounting Elective* substitute CACC 520 *Accounting for Management* (as proposed by Jake)

He mentions CGM2 510 *Project Management: Tools and Techniques*; this course could be offered as an elective. Another course that could be offered as an elective is CMS2 532 *Lean Operations Systems*. This course was developed in collaboration with the Faculty of Medicine and has been very successful in the Healthcare Leadership program.

Hope this is helpful. Please let us know if you need anything further.

Judith

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france.bouthillier@mcgill.ca

De : "<Jake E. Barralet>", "Dr." <jake.barralet@mcgill.ca>

Date : mercredi 20 avril 2016 22:47

À : France Bouthillier <france.bouthillier@mcgill.ca>

Cc : "Victor Arshad, Mr." <victor.shahsavar-arshad@mcgill.ca>, "Gerald Fried, Dr." <gerald.fried@mcgill.ca>, Kevin Lachapelle <cardiacsurgeon.muhc@gmail.com>, Sandra Betton <sandra.betton@concordia.ca>

Objet : Re: Academic Policy Committee (APC) Request for Guest RE: Diploma in Surgical Innovation

Dear France

I am disappointed but willing to concede.

The program got through 2 prior committees before the stipulation for 30% max non mcgill courses was pointed out. This wasted considerable time of mine and of my colleague Dr. LaChapelle and we could have had more time to address this had we been aware earlier. However, these things happen.

We have looked at the courses, we could agree to offer

[CGM2 510 – Project Management: Tools and Techniques](#)

as a replacement for GDBA 533 [Managing People in Organizations](#)

However please note, we are unwilling to pay for any additional stipends or honorariums.

[CPL2 510 - Communication and Networking Skills](#) - could be equivalent to GDBA 531

[CMR2 542 – Marketing Principles and Applications](#) - could be equivalent to GDBA 534

[CORG551 - Behaviour in Organizations](#) could be equivalent to GDBA 533

[CACC 520 – Accounting for Management](#) could be equivalent to GDBA 532

The threat of obstruction is not the best incentive. However so as not to jeopardize the offering and prevent further delay we can live with this.

I am grateful to you for brokering a slightly delayed solution and working with difficult individuals such as me. Be assured however my determination is based on my commitment and the desire to provide an excellent experience for students, I gain nothing from this and the gain to surgery is simply being more accessible and listening to the needs of the professional trainees we serve.

Please confirm this is acceptable

Many Thanks

Jake

On Apr 20, 2016, at 8:49 PM, France Bouthillier, Prof. <france.bouthillier@mcgill.ca> wrote:

Dear Jake

As I wrote you yesterday the Certificate was approved without a problem. I believe this will be approved at APC.

At the GPS Council, there was a great deal of discussion about the Diploma. We reached the conclusion that you need further consultation with Management (including Associate Dean Samer Faraj), and that you need to submit a revised proposal which lists the McGill Management courses that are equivalent to the John Molson courses for the May meeting of CGPS. Obviously students should be able to take management courses either at McGill or John Molson. It would not look right if students cannot take these courses here. However, be aware that only one-third (ie 10 credits out of 30 credits) of a program can be taken at a different University. Therefore, no matter what, students will have to take at least 3 credits of Management courses at McGill (out of the 12 credits listed).

With the revised proposal, the Diploma can be approved for a Winter 2017 start. It was suggested that students who enrolled in the Certificate in Fall 2016 can then switch to the Diploma for Winter 2017.

Let me know if you have other questions.
Best regards.

France

France Bouthillier | Associate Dean / Vice-Doyenne | Graduate and Postdoctoral Studies/ Études supérieures et postdoctorales | McGill University | James Administration room 400 | 845 Sherbrooke St. West, Montreal, Quebec, Canada | H3A 0G4 | T: 514 398-1224 | F: 514 398-6283 |

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| <http://www.mcgill.ca/sis>
france.bouthillier@mcgill.ca

De : "<Jake E. Barralet>", "Dr." <jake.barralet@mcgill.ca>

Date : mercredi 20 avril 2016 16:41

À : "Victor Arshad, Mr." <victor.shahsavar-arshad@mcgill.ca>

Cc : "Cindy Smith, Ms." <cindy.smith@mcgill.ca>, France Bouthillier <france.bouthillier@mcgill.ca>

Objet : Re: Academic Policy Committee (APC) Request for Guest RE: Diploma in Surgical Innovation

I am not following you. Does this mean we will not be approved for Fall 2016 or simply that we do not need to be at tomorrow's meeting?

Vice Chair (Research)
Dept. Surgery
Faculty of Medicine
McGill University

On Apr 20, 2016, at 2:44 PM, Victor Arshad, Mr. <victor.shahsavar-arshad@mcgill.ca> wrote:

Good afternoon Dr. Barralet,

I hope you are doing well. I just wanted to let you know that since this item has gone back to CGPS for more information, it will not be on the agenda for APC tomorrow and thus there is no need for any guests to attend. Thank you for your availability in any case.

Best,

Victor

Victor Arshad

Academic Program Officer

Office of the Provost & Vice-Principal (Academic)

McGill University

845 Sherbrooke St. W., James Administration Building, Room 600

Montréal, QC – H3A 3R1

Tel: 514-398-2985

Email: victor.shahsavar-arshad@mcgill.ca

<image001.png>

From: Jake E. Barralet, Dr.
Sent: Wednesday, April 13, 2016 11:10 AM
To: Victor Arshad, Mr. <victor.shahsavar-arshad@mcgill.ca>
Cc: Kevin Lachapelle, Dr. <kevin.lachapelle@mcgill.ca>
Subject: Re: Academic Policy Committee (APC) Request for Guest RE: Diploma in Surgical Innovation

I will be able to come.

Thanks

Vice Chair (Research)
Dept. Surgery
Faculty of Medicine
McGill University

On Apr 13, 2016, at 10:32 AM, Victor Arshad, Mr. <victor.shahsavar-arshad@mcgill.ca> wrote:

Good morning Dr. Lachapelle,

I hope you are doing well. APC will be discussing the proposal for the Graduate Diploma in Surgical Innovation at its meeting on **April 21st, 2016 at 3:00 PM in Room 302 of the James Administration Building.** SCTP suggested a guest to come and speak about this item. Would you or another delegate be available at that time?

Please let me know. Have a great day.

Best,

Victor

Victor Arshad

Academic Program Officer
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