



**492th REPORT OF THE ACADEMIC POLICY COMMITTEE TO SENATE
on the APC meeting held on April 11th, 2019**

I. TO BE APPROVED BY SENATE

(A) NEW TEACHING PROGRAMS REQUIRING SENATE APPROVAL

School of Continuing Studies

Professional Development Certificate in Full Stack Web Design and Development (12 CEUs)

- appendix A

At a meeting on April 11th, 2019, APC reviewed and approved a proposal from the School of Continuing Studies to create a new Professional Development Certificate in Full Stack Design and Development. The labour market for web design and development professionals is growing. Therefore, this non-credit program will concentrate on web design and development of professionals.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed B.A.; Joint Honours Professional Development Certificate in Full Stack Web Design and Development (12 CEUs)

Certificate in Translation; English to Spanish (30 cr.)

- appendix B

At a meeting on April 11th, 2019, APC reviewed and approved a proposal from the School of Continuing Studies to create a new Certificate in Translation; English to Spanish. There is currently a demand from the industry for professionally trained English-to-Spanish translators in the North American context. This new part-time certificate, which can be completed in two years, will concentrate on the normative uses of language, and will integrate the computer-aided translation tools.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed Certificate in Translation; English to Spanish (30cr.)

Faculty of Agriculture and Environmental Sciences

Diploma in Commercial Cannabis (30 cr.)

- appendix C

At a meeting on April 11th, 2019, APC reviewed and approved a proposal from the Faculty of Agriculture and Environmental Sciences to create a new Diploma in Commercial Cannabis. With the legalization of cannabis in Canada, there is a high demand from the industry for a cannabis production program. The self-funded new Diploma will concentrate on production and product development, which will also include ethical, medical and legal aspects related to the commercial cannabis industry. Students will get an experience during their internship in a host institution. A criminal record check is required.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed Diploma in Commercial Cannabis (30cr.)

Graduate and Postdoctoral Studies
Desautels Faculty of Management
M.M. in Retailing; Non-Thesis (45 cr.)

– appendix D

At a meeting on April 11th, 2019, APC reviewed and approved a proposal from Graduate and Postdoctoral Studies to create a new M.M. in Retailing; Non-Thesis. Due to the rise of E-commerce, data analytics, fast-changing consumer behaviour and technological innovation, there is a need of a consumer-oriented program in retailing. The program will focus on how to improve operational efficiencies, competitiveness, and consumer satisfaction.

APC therefore recommends that Senate approve the following resolution:

Be it resolved that Senate approve the proposed M.M. in Retailing; Non-Thesis (45cr.)

(B) ACADEMIC PERFORMANCE ISSUES / POLICIES / GOVERNANCE/AWARDS – none

(C) CREATION OF NEW UNITS / NAME CHANGES / REPORTING CHANGES - none

(D) CHANGES IN DEGREE DESIGNATION – none

(E) INTER-UNIVERSITY PARTNERSHIPS – none

(F) OTHER – none

II. TO BE ENDORSED BY SENATE / PRESENTED TO SENATE FOR DISCUSSION – none

III. APPROVED BY APC IN THE NAME OF SENATE

(A) DEFINITIONS – none

(B) STUDENT EXCHANGE PARTNERSHIPS / CONTRACTS / INTERUNIVERSITY PARTNERSHIPS - none

(C) OTHER - none

IV. FOR THE INFORMATION OF SENATE

A) ACADEMIC UNIT REVIEWS – none

B) APPROVAL OF COURSES AND TEACHING PROGRAMS

1. Programs

a) APC Approvals (new options/concentrations and major revisions to existing programs)

i. New Programs- none

ii. Major Revisions of Existing Programs- none

b) APC Subcommittee on Courses and Teaching Programs (SCTP) Approvals
(Summary Reports: <http://www.mcgill.ca/sctp/documents/>)

- i. Moderate and Minor Program Revisions
Approved by SCTP on October 18th, 2018 and reported to APC on April 11th, 2019

Faculty of Arts

B.A.; Major Concentration in German Studies (36 cr.)

B.A.; Minor Concentration in German Studies (18 cr.)

Faculty of Engineering

B.Eng.; Major in Bioengineering (142-152 cr.)

B.Eng.; Major in Materials Engineering (147-148 cr.)

Graduate and Postdoctoral Studies

Faculty of Arts

Ph.D. en Langue et littérature françaises (0 cr.)

Ph.D. en Langue et littérature françaises; Études sur les femmes et le genre (0 cr.)

M.A. in Political Science (45 cr.)

M.A. in Political Science; Development Studies (45 cr.)

M.A. in Political Science; European Studies (45 cr.)

Faculty of Engineering

Ph.D. in Architecture (0 cr.)

Ph.D. in Civil Engineering (0 cr.)

Interfaculty Studies

Ph.D. in Quantitative Life Sciences (0 cr.)

Faculty of Medicine

M.Sc. in Family Medicine (45 cr.)

Schulich School of Music and Faculty of Education

Concurrent B.Mus. and B.Ed.; Major in Music Education and Music Elementary and Secondary (137cr.)

Faculty of Science

B.Sc.; Honours in Mathematics (63 cr.)

B.Sc.; Honours in Applied Mathematics (63 cr.)

- ii. Program Retirements
Approved by SCTP on March 21th, 2019 and reported to APC on April 11th, 2019

Graduate and Postdoctoral Studies

M.Eng. in Mechanical Engineering; Computational Science and Engineering (46 cr.).

2. Courses

- a) New Courses
Reported as having been approved by SCTP on March 21th, 2019: 53
Faculty of Agricultural and Environmental Sciences: 8
Faculty of Arts: 1
School of Continuing Studies: 15
Faculty of Dentistry: 1

Reported as having been approved by SCTP on March 21th, 2019: 53

Faculty of Engineering: 5

Desautels Faculty of Management: 18

Faculty of Medicine: 2

Faculty of Science: 3

b) Course Revisions

Reported as having been approved by SCTP on March 21th, 2019: 35

Faculty of Agricultural and Environmental Sciences: 2

Faculty of Arts: 6

Faculty of Education: 1

Faculty of Engineering: 16

Desautels Faculty of Management: 1

Faculty of Medicine: 3

Faculty of Science: 6

c) Course Retirements

Reported as having been approved by SCTP on March 21th, 2019: 3

Faculty of Engineering: 2

Faculty of Medicine: 1

3. Other



<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>Professional Development Certificate</p>	<p>2.0 Administering Faculty/Unit</p> <p>School of Continuing Studies</p>
<p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Full Stack Web Design and Development</p>	<p>Offering Faculty/Department</p> <p>SCS/Career and Professional Development</p>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p></p>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>841909</p>
<p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p>	

4.0 Rationale for new proposal

One of the most in-demand skills in the web design industry today is the Full Stack specialization. According to Statistics Canada, employment growth in this occupation will be driven by the expansion of computer systems design services, which will see higher growth than all industries combined. The development of Web applications, online commercial activities and customized website design will foster the demand for these professionals¹. This non-credit program will help address the growing labour market need for web design and development professionals. Adm.req: PDC in Front End WDD and PDC in Back End WDD.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input type="checkbox"/> Master's</p> <p><input checked="" type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input type="checkbox"/> Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input checked="" type="checkbox"/> Other (Please specify) Professional Development Certificate</p>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other Please specify</p>	<p>5.3 Level</p> <p><input type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input checked="" type="checkbox"/> Continuing Ed (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes ___ No ___</p> <p>5.5 Requires Resources Yes ___ No <u>X</u></p>
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6.0 Total Credits/CEUs

12 CEUs

7.0 Consultation with Related Units

Yes **X** No

Financial Consult Yes No **X**

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

The Professional Development Certificate in Full Stack Web Design and Development is a non-credit program designed to enable participants to apply in practice the knowledge and skills acquired during the course of study in the Front End Web Design and Development and Back End Web Design and Development programs.

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)

Professional Development Certificate in Full Stack Web Design and Development (12 CEUs)





Required Courses (12 CEUs)

YCIT 015 Web Security Fundamentals (3 CEUs)

YCIT 016 DevOps and Deployment for Web Development (3 CEUs)

YCIT 099 Full Stack Capstone Project (6 CEUs)

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	Inna Popova, Director, CPD Non-Credit Programs		26 Feb 19
Curric/Acad Committee	Carmen Sicilia, Associate Dean		27 Feb 19
Faculty 1	Hang Lau, A/Director, CPD Credit Programs		27 Feb 2019
Faculty 2	Carola Weil, Dean of Continuing Studies		27 Feb 2019
Faculty 3	SCTP APPROVED		
SCTP			MARCH 21, 2019
GS			
APPC		APC	April 11, 2019
Senate		Senate	April 17, 2019

Submitted by

Name	Lucia Brunetti
Phone	514-398-6152
Email	Lucia.Brunetti@mcgill.ca
Submission Date	12 February 2019

To be completed by ARR:

CIP Code



(2013)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>Certificate</p> <p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Translation</p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p>English to Spanish</p> <p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p>	<p>2.0 Administering Faculty/Unit</p> <p>School of Continuing Studies</p> <p>Offering Faculty/Department</p> <p>SCS / Translation Studies</p> <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>201909</p>
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4.0 Rationale and Admission Requirements for New Proposal

See Addendum 1.0

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p>Bachelor's Program</p> <p><input type="checkbox"/> Master's M.Sc. (Applied) Program Dual Degree/Concurrent Program</p> <p><input checked="" type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program Doctorate Program (Other than Ph.D.) Private Program Off-Campus Program Distance Education Program (By Correspondence) Other (Please specify)</p>	<p>5.2 Category</p> <p>Faculty Program (FP) Major Joint Major Major Concentration (CON) Minor Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other Please specify</p> <p></p>	<p>5.3 Level</p> <p><input checked="" type="checkbox"/> Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Studies (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes No</p> <p>5.5 Requires Resources Yes ___ No XX</p>
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<p>6.0 Total Credits</p> <p>30</p>	<p>7.0 Consultation with Related Units Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Financial Consult Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Attach list of consultations.</p>
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8.0 Program Description (Maximum 150 words)

The Certificate in Translation (English to Spanish) aims to meet the industry need for professionally trained translators in the North American context as a result of globalization and immigration trends. A review of the normative uses of language and the problems of translation will be followed by the translation of texts in a variety of fields currently in high demand, as well as an in-depth examination of ethical standards, and best practices in the profession. Computer-aided translation tools are an integral part of the curriculum, as is the opportunity to participate in a translation practicum. The certificate is part-time and can be completed in two years.

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)

Certificate in Translation (English to Spanish) (30 credits)

Co-requisite (3 credits)

CCTR 218 Fundamentals of Comparative Stylistics & Writing (Spanish) (3 credits) †
† *This course can be taken with CCTR 228 and/or CCTR 334.*

Required Courses (24 credits)

CCTR 228 Introduction to Translation (English to Spanish) (3 credits)
CCTR 331 Current Trends in Translation Studies (3 credits)
CCTR 334 Spanish Translation to English (3 credits)
CCTR 335 Semi-Specialized Translation (English to Spanish) (3 credits)
CCTR 443 International Business Translation (English to Spanish) (1.5 credits)
CCTR 445 Healthcare Translation (English to Spanish) (1.5 credits)
CCTR 447 International Development Translation (English to Spanish) (1.5 credits)
CCTR 449 Transcreation (English to Spanish) (1.5 credits)
CCTR 506 Editing and Revising (Spanish) (3 credits)
CCTR 535 Computer-Aided Translation and Terminology * (3 credits)

Complementary Courses (6 credits)

CCTR 401 Independent Studies: Translation * (3 credits)
CCTR 485 Introduction to Public Service Interpreting * (3 credits)
CCTR 500 Translation Practicum * (3 credits)
CCTR 504 Professional Contexts (3 credits)
CCTR 599 Special Topics in Translation Studies * (3 credits)
CGMG 210 Fundamentals of Project Management (3 credits)
CMRK 200 Fundamentals of Marketing (3 credits)

* *Departmental approval required.*

Addendum 1.0

4.0 - Rationale and Admission Requirements

Admission Requirements:

To be admitted to the Certificate Program in Translation:

1. Students must possess native or near-native command of the languages of study (emphasis will be placed on written skills);
2. Students must pass an Entrance Examination;
3. Students must hold a CEGEP diploma (D.C.S. or equivalent);
4. Students 21 years of age and over who do not have the normal academic background for admission may be admitted as Mature students.

The Translation Studies Unit is proposing a new Certificate in Translation, English to Spanish (which is a new language pair option in the Certificate in Translation program). The main reasons for this proposal fall under three major themes:

- 1) A current curriculum, the Certificate in Translation, French/English-to-Spanish option (i.e. course content, sequence and integration of different courses) does not lend itself to optimal translation-competence acquisition. The French/English-to-Spanish option will be phased out and eventually retired once the throughput of existing students have either 1) transferred to the new English-to-Spanish option, or 2) graduated.
- 2) We need a more responsive curriculum to current market demands in English-to-Spanish translation. This new option does not exist in the current Certificate in Translation.
- 3) The new language combination being proposed is *English to Spanish* and not a trilingual option (like the French/English to Spanish option). The main reason is that translation courses that involve more than one source or target language *within the same course* are not generally recognized by the *Ordre des traducteurs, terminologues et interprètes agréés du Québec* (OTTIAQ) and other professional associations.

For more details on the new courses in this program, please see the additional course revision or new course forms attached to this proposal.

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	CÓRDOBA SERRANO María Sierra	<i>[Signature]</i>	Feb. 27, 2019
Curric/Acad Committee	SICILIA, Carmen	<i>[Signature]</i>	Feb 27, 2019
Faculty 1	LECLERC, Catherine	<i>[Signature]</i> *	March 5, 2019
Faculty 2	WEIL, Carola	<i>[Signature]</i> for.	Feb 28, 2019
Faculty 3	SCTP		
CGPS			
SCTP	APPROVED		MARCH 21, 2019
APC			
Senate			

* María Sierra Córdoba for Prof. Catherine Leclerc in her absence.

Submitted by

Name:

Phone:

Email:

Submission Date:

To be completed by ARR:

CIP Code



(2017)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>Diploma</p>	<p>2.0 Administering Faculty/Unit</p> <p>Faculty of Agricultural and Environmental Sciences</p>
<p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Commercial Cannabis</p>	<p>Offering Faculty/Department</p> <p>FAES/Plant Science;Food Science & Agricultural Chemistry</p>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p></p>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>Winter 2020</p>
<p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p>	

4.0 Rationale and Admission Requirements for New Proposal

Legalization of cannabis in Canada has resulted in enormous growth in the cannabis production industry, and a need for highly trained employees to oversee areas key to production and product development. Industrial consultation has confirmed that this self-funded Diploma will meet their needs for highly trained personnel. All applicants must have a BSc in biological, agricultural or environmental sciences, 15 credits of plant-related courses, a course in biochemistry or organic chemistry, and a minimum of CGPA of 3.0. In exceptional circumstances, relevant work experience will be considered in lieu of plant courses. A criminal record check is required.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc.(Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input checked="" type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input checked="" type="checkbox"/> Self-Funded/Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input type="checkbox"/> Other (Please specify)</p> <p></p>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other</p> <p>Please specify</p> <p></p>	<p>5.3 Level</p> <p><input checked="" type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Ed (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes ___ No ___</p> <p>5.5 Requires Resources Yes <u>X</u> No ___</p>
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6.0 Total Credits

30

7.0 Consultation with Related Units Yes No

Financial Consult Yes No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

The Diploma in Commercial Cannabis focuses on ethical, medical, and legal issues related to the commercial cannabis industry, cannabis medicinal chemistry, contaminants and product development, as well as theoretical and hands-on experience of production, breeding and disease management. The program includes an internship that involves solving a specific problem that the commercial cannabis industry is facing. The program will extend over 12 months.

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


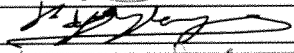

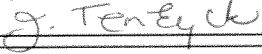
If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

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 (30 credits)

- FDSC 475 Introduction to Cannabis and Cannabinoids (3)
- FDSC 476 Contaminants in Cannabis (3)
- FDSC 477 Introduction to Cannabis Product Design (3)
- PLNT 470 Cannabis Issues and Concerns (3)
- PLNT 471 Commercial Cannabis Production (4)
- PLNT 472 Cannabis Genetics and Breeding (4)
- PLNT 473 Control of Cannabis Diseases (4)
- PLNT 474 Commercial Cannabis Internship (6)

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	Department of Plant Science (Strainville)		Jan 29, 2019
Dept. Curric/Acad Committee	Fd Sc + Agr. Chem (Yong Layard)		2019-01-29
Faculty 1 Curriculum	M.E. Scott		2019-01-07
Faculty 2 (FAES)	J. Ten Eyck		2019-02-15
Faculty 3			
CGPS			
SCTP	SCTP APPROVED		MARCH 21, 2019
APC			
Senate			

Submitted by

Name	Suha Jabaji	To be completed by ARR:
Phone	514-398-7561	CIP Code
Email	suha.jabaji@mcgill.ca	
Submission Date	Jan 29, 2019	

Diploma in Commercial Cannabis Overview March 2019

1. Objective

McGill's Faculty of Agricultural and Environmental Sciences (FAES) envisions that this Diploma in Commercial Cannabis will ensure that the rapidly expanding Canadian cannabis industry has access to highly qualified personnel trained to produce a safe, quality product in an environmentally sustainable manner to solidify Canada's position as an international leader in this field.

2. The Industry

The 2017 Canadian cannabis market was worth \$1.5B and is expected to have a market potential of \$7.4B¹. This projection is conservative when compared with Colorado's market trends. However, Canaccord estimates the value of the Canadian market to be around 10.4B\$².

In 2016, Canadian Agriculture GDP generated 111.9B\$ and employed 2.3 million people; therefore a potential and conservative GDP growth of 5.9B\$ from cannabis could generate employment opportunities on a pro-rata basis for up to 120,000 people. Marijuana Business Daily reports that Canada could add 150,000 cannabis jobs over the few next years, some with six-digit salaries³.

Unlike industries following a normal new product line life cycle where the slow increase in demand permits adjustments to market demand, the sudden legalization of recreational cannabis will unleash substantial pent-up demand for products in both the recreational and medical sectors. This nascent multibillion dollar industry comprised of so many new corporations will require significant, immediate and ongoing support and training assistance as new sectors emerge. Such rapid market growth presents incredible opportunities for the educational, scientific, and labour sectors.

3. Impact of Legalization of Recreational Cannabis on the Commercial Cannabis Industry

In the newly Canadian regulated market, licensed producers for both recreational and medicinal cannabis are required to follow the same regulatory compliance of Health Canada and to meet the same standards for laboratory testing for cannabinoid content, pesticides, and

¹ Ackrell Capital's 2018 Cannabis Report

² Canaccord Genuity

³ Marijuana Business Daily

microbial and chemical contaminants. The explosive demand since legalization of recreational cannabis has created a huge unprecedented supply demand both for pre-existing licensed producers who are expanding their market to include the recreational sector, and for the many upcoming producers, most if not all of whom intend to target both markets.

4. Cannabis Programs Across Canada

From growing the perfect crop to development and marketing of a diversity of products and marketing within restrictive rules, Canadian post-secondary institutions⁴ are developing courses for those wanting to work in the booming cannabis industry. Demand for this type of programming skyrocketed in advance of the legalization of recreational cannabis, prompting technical colleges including Niagara College and Durham College in Ontario, Kwantlen Polytechnic University in BC and the New Brunswick Community College to offer classes on cultivation to keep up with demand for safe medicinal and recreational cannabis products (i.e., non-psychoactive cannabis products including beauty products and cannabis-infused edibles). The duration of these courses, all currently geared toward technicians, spans from a few days to a year. Statistics⁵ show that in the last six months, about 1,200 people aged 25-40 have taken cannabis-related classes while working full-time in another industry.

Industry leaders consulted during program development, as well as participants in the Faculty's Spring and Summer cannabis workshops who are involved with new start-ups or CEO's of new companies note that

- There is a lack of highly trained workers with specific knowledge of cannabis crops, product development and government regulations.
- There is a need for more rigorous training in cannabis production and product development to comply with Health Canada regulations.
- There is a need for employees with strong critical thinking and problem-solving skills.
- There is a need for individuals whose strong transferable skills will allow them to adapt to the rapidly evolving industry.

Unfortunately the lag in University-level programming compared with that provided by Technical Colleges has created a significant void in the educational marketplace when it comes to such specialized and structured training. In response to this, in 2018, the FAES developed one-day workshops, one on cannabis production and one on extraction. Each of these workshops has been offered twice, and the number of acceptable applicants exceeded capacity by two-fold in all cases.

⁴ [DailyHive](#), September

⁵ Cannabis Stats Hub

The proposed 30-credit Diploma in Commercial Cannabis will provide a high-level of training to students who already hold a BSc in agricultural, biological or environmental sciences.

5. FAES is Ideally Placed to Offer this Diploma

McGill, through the FAES, is ideally positioned to become the University leader in this area, not only in Canada but internationally, especially if we are able to be the first to offer advanced level University training.

At least three of the projected areas for industrial growth are captured through departments in FAES. The Department of Plant Science has expertise in large-scale horticultural practices including control of disease that minimizes use of pesticides, as well as methods of selective breeding to develop strains of cannabis with increased cannabinoid (CBD) content and reproducible traits. The Department of Food Science and Agricultural Chemistry has expertise in biosynthesis of plant compounds, in monitoring quality and safety of products for human consumption, and of product development which is relevant, for example, to edible cannabis products. Expertise in design of production facilities that minimize their environmental impact and landscape footprint will be sought from the Department of Bioresource Engineering once the Diploma becomes established. All three departments have ongoing collaborations with the cannabis industry and are in discussion about expanding collaborations.

6. A Uniquely Cannabis-focused Diploma Is Necessary

With over 18,000 scientific publications on cannabis, training programs need to recognize the wealth of specialized information already available. Industry needs employees who are able to distill the rapidly exploding research on cannabis so that they can critically assess which findings warrant follow-up and potential incorporation into industry practices or innovations.

The combination of psycho-active and medicinal compounds within cannabis, together with the unknown nature of the germplasm, indicates that selective breeding for specific products is much more complex than for well-understood agricultural crops. In order to meet the needs of the industry, the program is designed to develop a thorough understanding of the cultivation of pharmaceutical-grade cannabis and the processes and factors that influence product quality.

Furthermore, cannabis cultivation takes place in a highly complex and evolving regulatory environment and requires more sophisticated and involved technical processes than traditional crop production. Similarly, the production of cannabis products follows strict regulations pertaining to product development, packaging and labelling requirements. These regulations are essential to promote the safe handling and transportation of cannabis. Thus, graduates need to have an appreciation for the complexity of the regulatory aspects.

Finally, the use of cannabis is steeped in ethical, legal and societal questions. Graduates will be expected to provide informed input into such discussions.

7. Potential Benefits for FAES and McGill

The major short-term benefits are establishing our position as the first Canadian University program of its kind, and expanding our base of partnerships with the cannabis industry.

In the longer-term, this de-regulated Diploma will generate new revenue for FAES and for McGill. Our partnerships with licensed producers and with the range of cannabis industries along the processing chain will provide outstanding opportunities for research and development, including opportunities for training graduate students.

8. Program Curriculum

The proposed Diploma contains specialized courses with offerings in all aspects of cannabis production and product development and a 12-week unique industrial internship. This program will be “self-funded” and as such must follow specific directives from the Quebec Ministry of education and higher education. Specifically, courses for self-funded programs must be completely separate from courses available to students in our regular programs (2018-2019 document “Règles budgétaire et calcul des subventions de fonctionnement aux universités du Québec”, section 3.7; www.education.gouv.qc.ca). Therefore an entirely separate set of courses has been designed that will only be available to students taking this new Diploma.

The 30-credit program will include 8 required courses:

- three courses that address theoretical and practical aspects of cannabis production, each of which includes a substantive laboratory component and scheduled visits to licensed cannabis industry
- three courses related to product safety and development
- one course focussed on ethical, legal and societal issues
- an internship placement with a licensed cannabis industry

Current government regulations preclude us from growing cannabis for educational purposes. Until such time as licenses become available for this purpose, students will use Hops as a model plant for laboratory experiments. Hops (*Humulus lupulus*) has similar botanical, molecular and structural characteristics as cannabis and both belong to the Cannabinaceae order. Students will gain direct experience working with cannabis during scheduled visits to licensed producers, and during the 12-week internship with a licensed cannabis industry.

9. Admission Requirements and Target Applicants

The Diploma is targeted for Canadians and permanent residents. Applicants are required to have a B.Sc. in biological, agricultural or environmental sciences, 15 credits of plant-related courses, a course in biochemistry or organic chemistry, and a minimum CGPA of 3.0. Under exceptional circumstances, relevant work experience will be considered in lieu of plant courses. A criminal record check is required.

10. Descriptions of Required Courses

FDSC 475 Introduction to Cannabis and Cannabinoids (3 credits; 3 hr lecture/wk)

Rationale: Commercial cannabis production targets the optimization of cannabinoids that possess medicinal properties and/or control of cannabinoid content through various ratios of CBDs vs THCs. Understanding the chemical composition of cannabinoids and methods of extraction, analysis and identification are essential competencies needed for the successful production of commercial cannabis.

Description: The chemistry, metabolic pathways of formation, biological activity, and health benefits of phytochemicals in cannabis plants. Extraction, classification, and analysis of bioactive components in cannabis plants.

FDSC 476 Contaminants in Cannabis (3 credits; 3 hr lecture/wk)

Rationale: Contaminated cannabis products may pose food safety and public health risk and thus, it is important to study and understand the contaminants in cannabis. Knowledge on biology/chemistry, classification and testing of these contaminants will help trainees to identify them. Knowledge of quality assurance procedures will help them in mitigating microbial, chemical, and physical contaminants during production/processing of cannabis and its products. This competence development would help in reducing the concerns over the food safety and public health due to contaminants in cannabis.

Description: Basic concepts of various contaminants in cannabis. Sources, basic biology/chemistry, classification and testing, method validation and quality assurance procedures to avoid microbial/chemical contamination.

FDSC 477 Introduction to Cannabis Product Design (3 credits; 3 hr lecture/wk)

Rationale: The cannabis industry needs to innovate to adopt traditional pharmaceutical practices in order to continue making scientific advancements and to normalize cannabis as a medicine, as a nutraceutical, or as food products. A basic course on the development of cannabis products is essential to ensure efficient formulation, delivery and stability of bioactive compounds of the cannabis-based products.

Description: Fundamental principles needed to develop new food products from conceptualization through design, formulation and production, as applied to cannabis products. The technical challenges associated with the formulation of cannabis-based products, as well as the considerations for an optimal formulation.

PLNT 470 Cannabis Issues and Concerns (3 credits; 3 hr/wk lecture, presentation, colloquium)

Rationale: With Canada's legalization of recreational cannabis and the growing interest in the field of cannabis, multiple frontiers are now open that challenge society and industry alike. This course is designed to prepare students for troubleshooting in professional environments dealing with cannabis. The assignments and presentations are strategically sequenced to allow students to gain understanding of the real challenges in the cannabis field. Information on challenges related to legal, regulatory, ethical, health and safety will equip students for their industrial internship.

Description: Local, national and international perspectives on issues and concerns regarding cannabis, with a focus on legal, regulatory, ethical, health and safety aspects relevant to industry, government, academics and consumers.

PLNT 471 Commercial Cannabis Production (4 credits; 10 hr lecture & 10 hr lab / wk for 4 wks)

Rationale: This course is the first of three relevant production courses that will be offered in the second semester. This course will cover methods of commercial cannabis production indoors such as in greenhouses and "plant factories" with controlled environments. This course will cover relevant topics on related to production to ensure that all students have acquired sufficient knowledge and skills in the production stage of the cannabis industry before they progress to their internship.

Description: Botany of the cannabis plant. Climate control for production in controlled environment agriculture: management of temperature, humidity, light, air quality. Production methods and management of irrigation, fertilization, soil and substrates, pests. Propagation, growth, pruning, pinching, harvest, scheduling, processing, storage, quality control, optimal cultivation strategies.

PLNT 472 Cannabis Genetics and Breeding (4 credits; 10 hr lecture & 10 hr lab / wk for 4 wks)

Rationale: The cannabis industry is currently one of the fastest growing industries in Canada and the world. Given the changing legal status of the plant, and the rapidly advancing research, updated information on the advancement of cannabis genomics and breeding is urgently needed. Insights on modern, high-throughput genomic technology are providing new tools to further improve our knowledge and utilization of this unique species. This course will allow students in the Diploma in Commercial Cannabis to move into the cannabis industry with the critical understanding of state-of-the-art approaches to genetic manipulation of the cannabis plant.

Description: Cannabis genetic structure and available genomic resources for cannabis research. Introduction to high throughput genomic technologies for the improvement of cannabis cultivars and hybrids and tissue culture protocols. Origin and taxonomic classification of the cannabis genus. Principles and practices of cannabis breeding, including the importance of quantitative trait locus maps and methods of selection of important genetic traits.

PLNT 473 Control of Cannabis Diseases (4 credits; 10 hr lecture & 10 hr lab / wk for 4 wks)

Rationale: The resurgence of interest in medicinal and non-medicinal uses of cannabis underlines the need for an authoritative and comprehensive course on cannabis diseases. Medical cannabis and recreational cannabis grown for commercial purposes are cultivated in greenhouses and other controlled environments utilizing intensive cultural practices. These plants are often impacted by nutrient deficiency, as well as by fungal and bacterial infections. The majority of licensed producers have witnessed evidence of this problem firsthand. Plant yields and ultimate profitability can be severely undermined by pathogen infections. These pathogens are challenging to deal with, and early detection of fungus and pests can eliminate crop losses and boost overall yields. PLNT473 will cover in-depth the specific fungal, bacterial and insect diseases of cannabis that are encountered under greenhouse settings; identification of the exact species of the pathogen(s) responsible for the visible cannabis plant diseases, as well as for secondary opportunistic infections. The course will cover current control methods in compliance with Health Canada including registered biopesticides and botanicals that are strictly recommended for use under the New Access to Cannabis For Medical Purposes Regulations (ACMPR).

Description: Diseases and pest management of cannabis grown under greenhouse and field settings. A systemic approach to descriptions of pests and diseases accompanied by an overview of biological, natural and management solutions to pests and cannabis

diseases. Details on products and application methods that are in compliance with Health Canada. Practical laboratory sessions to identify various disease symptoms on cannabis plants and to recommend solutions.

PLNT 474 Commercial Cannabis Internship (6 credits; 35 hr/wk for 12 wks in industry plus 14 hr preparatory and follow-up workshops)

Rationale: The course is designed to provide hands-on experience in the cannabis industry. Employers usually look for individuals who not only have a basic knowledge of the field, but who are motivated and independent and who have a variety of "soft" skills. In addition to the practical experience gained through working with a licensed producer, students will learn professionalism and ethics required at the workplace. They will witness first-hand the value of, and gain experience in, troubleshooting, multi-tasking and time-management as it relates to day-to-day activities in industry. They will also gain knowledge about the regulatory affairs surrounding the cannabis industry.

Description: A 12-week internship with a licensed cannabis producer. Workshops in advance of the placement will review professionalism expected when working in industry and with controlled substances. Students will produce a small project or prepare a research paper as part of their internship.

11. Expected Knowledge and Unique Skills and Assets of Graduates

The curriculum has a strong focus on understanding and complying with the Access to Cannabis for Medical Purposes Regulations (ACMPR). Students will gain specialized skills and knowledge designed to meet the demand for a trained workforce in the commercial cannabis sector. Thus, the program will provide highly qualified, skilled, cannabis workforce-ready graduates.

Building on an undergraduate degree in a related field, graduates of this program will have:

- industry-specific knowledge ranging from the terminology and history of the industry to the regulatory framework;
- an understanding of the unique aspects of large-scale cannabis plant production;
- the ability to identify diseases in cannabis as well as manage disease in compliance with regulatory measures;
- an understanding of the genetics and molecular biology of cannabis and advances in cannabis genomics and strain profiling;
- knowledge about the medicinal chemistry of THC_s and of cannabinoids including approaches to extracting and analyzing phytochemicals

- knowledge about the variety of contaminants that may be of health concern
- an understanding of the process of product design and development as it applies to pharmaceutical, nutraceutical and edible cannabis products
- hands-on experience gained both through an extensive laboratory component and an industrial internship.

12. Logistical Dimensions

All aspects of the program are designed to ensure that there is no conflict of course scheduling, space, equipment or human resources with ongoing programs of FAES. Until such time as it becomes possible to obtain a license to grow cannabis for educational purposes, all cannabis plants and controlled products will be used only at facilities of licensed producers.

Scheduling: The four courses taken in the first semester (Winter) will be offered on evenings and weekends. This will optimize access to facilities on campus and guest speakers. It will also allow applicants who are currently employed access to the program. The three courses during the summer will be offered in one-month blocks. These courses require access to labs and greenhouses that would not be available during the Fall and Winter semesters. The internship course will be offered in the Fall semester.

Staffing: The program will have one full-time Faculty Lecturer who would be responsible for teaching up to 12 credits of courses and would serve as a liaison with industry. Initially, course lecturers will be hired to teach the remaining courses. This ensures that offering of this Diploma does not interfere with regular teaching responsibilities of existing professors. We intend to recruit new academic staff whose responsibilities would include teaching in this Diploma, and the number of course lecturers would be reduced, accordingly. We have budgeted to allow the Macdonald Campus Library to be open for evenings during the Winter semester.

Financing: A full business plan has been developed and has been discussed by McGill's Planning Office. The full cost of the program would be covered by student fees together with contributions from industry. The working estimate of tuition for the Diploma is \$22,500. The budget includes the full costs for teaching staff, for equipment, materials and supplies needed for the laboratories, for a TA for all courses except the internship, for field trips, for guest speakers, and for administrative support. It includes scholarships for up to 5 Quebec students per year. It also includes 30% overhead to McGill University. The Provost has provided funding for the Industrial Liaison Coordinator for 2 years, and has agreed to recruitment of two Industry Chairs (see attached memos).

Industry Liaison: A key dimension of the long-term success of this program is ongoing liaison with the Cannabis industry. To this end, a consortium will be established between McGill

University and several Industry partners. This will provide ongoing exchange, and will also be extremely helpful in ensuring internship placements for all students.

Unambiguous Communication to Students: As licensed cannabis producers handle controlled substances, it is imperative that all students realize that it is their responsibility to meet requirements of industry for a criminal record check. This will be needed in order for students to visit industries during field trips and to take the internship course.

Students are responsible for complying with the criminal record check. Anyone unable to obtain the required security clearance will not be permitted to undertake the Internship, which is a mandatory requirement of the program, and consequently would be required to withdraw from the program.

This information will be clearly communicated on the website, in conversations with prospective applicants, and to enrolled students during their orientation to the program, and during preparatory workshops for the internship.

CONSULT for APC APPENDIX D
[19-APC-04-30]
RETAILING

Cindy Smith, Ms.

From: Philip J. Smith, Dr.
Sent: April-02-19 5:01 PM
To: Cindy Smith, Ms.; Yasmine Jouhari, Dr
Subject: Retailing and Cannabis program proposals

Hi Cindy and Yasmine,

Marilyn finished the review this afternoon. She just has to check one thing with Brad, but it's good to go for the April 11th APC meeting, together with the Cannabis proposal.

Cheers!

Phil

Philip J. Smith, Ph.D., FRHistS

Associate Director

Academic Program Development Support and Cyclical Reviews

Analysis, Planning & Budget

Office of the Provost & Vice-Principal (Academic)

McGill University

Montreal, QC, Canada

Tel: 514-398-8927

Email: phil.smith@mcgill.ca

Website: www.mcgill.ca/apb/planning/cyclical-unit-reviews

CONSULTS FOR APC PROJ. 19.8
APPENDIX B
[19-APC-04-30]

APPENDIX A

CONSULTATION REPORT FORM

RE: ADDING COURSES in OTHER DOMAINS as COMPLEMENTARY COURSES

DATE: 27 February 2019

TO: Dr. Nicolette PAPASTEFANO, Faculty Lecturer and Area Coordinator PR and Marketing

FROM: Dr. María Sierra Córdoba Serrano, Associate Director, Translation Studies

The attached new program proposals have been submitted to the Curriculum and/or Academic Committee, and it has been decided that your department should be consulted.

For the Certificate in Translation programs – addition of the following course (offered in your area) to our list of “Complementary Courses”:

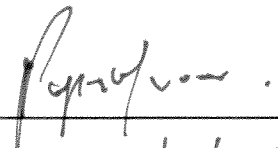
CMRK 200 – Fundamentals of Marketing

The above course will be added to our list of Complementary Courses.

Would you be good enough to review these proposals and let me know as soon as possible, on this form, whether or not your department has any objections to, or comments regarding, the proposals.

NO OBJECTIONS **SOME OBJECTIONS**

COMMENTS:

Signature: 
Date: 28/2/2019.

APPENDIX A

CONSULTATION REPORT FORM

RE: ADDING COURSES in OTHER DOMAINS as COMPLEMENTARY COURSES

DATE: 27 February 2019

TO: Dr. Kamal SALMASI, Faculty Lecturer and Area Coordinator Mgmt, Int'l Bus., & Entrepreneurship

FROM: Dr. María Sierra Córdoba Serrano, Associate Director, Translation Studies

The attached new program proposals have been submitted to the Curriculum and/or Academic Committee, and it has been decided that your department should be consulted.

For the Certificate in Translation programs – addition of the following course (offered in your area) to our list of “Complementary Courses”:

CGMG 210 – Fundamentals of Project Management

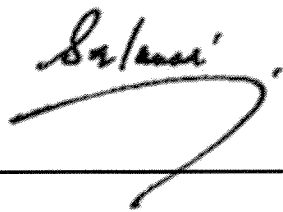
The above course will be added to our list of Complementary Courses.

Would you be good enough to review these proposals and let me know as soon as possible, on this form, whether or not your department has any objections to, or comments regarding, the proposals.

 X NO OBJECTIONS SOME OBJECTIONS

COMMENTS:

Signature: _____



Date: _____

2/27/2019



<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <input type="text" value="Master of Management (M.M.)"/>	<p>2.0 Administering Faculty/Unit</p> <input type="text" value="Graduate and Postdoctoral Studies (GPS)"/>
<p>1.1 Major (Legacy = Subject) (30-char. max.)</p> <input type="text" value="Retailing"/>	<p>Offering Faculty/Department</p> <input type="text" value="MG - Management"/>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max)</p> <input type="text" value="Non-Thesis"/>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <input type="text" value="202009"/>
<p>1.3 Minor (with Concentration, if Applicable) (30char. max)</p> <input type="text"/>	

4.0 Rationale and Admission Requirements for New Proposal

The future of retail is being re-invented owing to fast changing consumer behavior, rapid technological innovations, globalization and the rise of E-commerce, and big data analytics. The Masters of Management in Retailing aims to equip students with the tools and knowledge they need to respond to these disrupters and shape the future of this sector, while promoting sustainable consumption and healthier societies. Desautels Faculty of Management standard Masters Level requirements apply (GMAT). Preference will be given to candidates with retail experience, although not required.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <input type="checkbox"/> Bachelor's Program <input checked="" type="checkbox"/> Master's <input type="checkbox"/> M.Sc. (Applied) Program <input type="checkbox"/> Dual Degree/Concurrent Program <input type="checkbox"/> Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Graduate Certificate <input type="checkbox"/> Graduate Diploma <input type="checkbox"/> Ph.D. Program <input type="checkbox"/> Doctorate Program (Other than Ph.D.) <input checked="" type="checkbox"/> Private Program <input type="checkbox"/> Off-Campus Program <input type="checkbox"/> Distance Education Program (By Correspondence) <input type="checkbox"/> Other: Please specify <input type="text"/>	<p>5.2 Category</p> <input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Major <input type="checkbox"/> Joint Major <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Minor <input type="checkbox"/> Minor Concentration (CON) <input type="checkbox"/> Honours (HON) <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Internship/Co-op <input type="checkbox"/> Thesis (T) <input checked="" type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Other: Please specify <input type="text"/>	<p>5.3 Level</p> <input type="checkbox"/> Undergraduate <input type="checkbox"/> Dentistry/Law/Medicine <input type="checkbox"/> Continuing Studies (Non-Credits) <input checked="" type="checkbox"/> Masters & Grad Dip & Certs <input type="checkbox"/> Doctorate <input type="checkbox"/> Post-Graduate Medicine/ Dentistry <input type="checkbox"/> Graduate Qualifying <input type="checkbox"/> Postdoctoral Fellows
		<p>5.4 FQRSC (Research) Indicator (For GPS)</p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		<p>5.5 Requires Resources (financial, personnel, space)</p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

6.0 Total Credits

7.0 Consultation with

Related Units Yes No

Financial Consult Yes No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

The Master of Management in Retailing; Non-Thesis is focused on the customer journey and explores how retail disruptors can lead to retail innovations that can significantly improve operational efficiencies, competitiveness and impact customer satisfaction. International in scope, the program will focus on how retailers must adapt to the rapidly changing and increasingly complex global business environment to thrive. It aims to integrate diverse disciplines and experiential learning opportunities, including an optional internship, research opportunities with the state-of-the-art Retail Lab, in addition to an international trip and Global Retail Challenge.

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 courses) of existing Major/Minor.

Proposed program (list course as follow: Subj Code/Crse Num, Title, Credit weight, under the heading of: Required Courses, Complementary Courses, and Elective Courses).

Master of Management in Retailing; Non-Thesis (45 credits)

Required Courses (21 credits)

RETL 601 Foundations of Retailing (3 credits)
RETL 603 Retail Science and Data Analytics (3 credits)
RETL 611 360-Degree Customer Insight (3 credits)
RETL 613 Digital Retailing Models (3 credits)
RETL 615 Managing Retail Operations (3 credits)
RETL 617 Managing for Sustainability (3 credits)
RETL 625 Experiential Retail (3 credits)

Complementary Courses (24 credits)

12-21 credits from:

RETL 621 Retail Internship (6 credits)
RETL 631 Digital Media Marketing (3 credits)
RETL 633 Data-Driven Retail Decisions (3 credits)
RETL 635 Creativity and Experiential Economy (3 credits)
RETL 637 Innovative Retail Technology (3 credits)
RETL 641 Fashion Retail Management (3 credits)
RETL 643 Fintech and Financial Services (3 credits)
RETL 645 Food Retail (3 credits)
RETL 661 Advanced Topics in Retail Management 1 (3 credits)
RETL 662 Advanced Topics in Retail Management 2 (3 credits)
RETL 663 Advanced Topics in Retail Management 3 (3 credits)

3-12 credits from:

INSY 645 Managing Electronic Commerce (3 credits)
INSY 653 Analytics for Digital Business Models (3 credits)
INSY 661 Database and Distributed Systems for Analytics (3 credits)
MGSC 672 Operations and Supply Chain Analytics (1.5 credits)
MRKT 672 Internet Marketing Analytics (1.5 credits)
MRKT 673 Pricing Analytics (1.5 credits)
ORGB 633 Managerial Negotiations (3 credits)
ORGB 661 Ethical Leadership and Leading Change (1.5 credits)
ORGB 671 Talent Analytics (1.5 credits)

10.0 Approvals

Routing Sequence

Name

Signature

Date

Department

Curric/Acad Committee

Faculty 1

Faculty 2

Faculty 3

CGPS

SCTP

APC

Senate

Submitted By

Name

To be completed by ARR:

Phone

CIP Code

Email

Submission Date



<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">Professional Development Certificate</div> <p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">Full Stack Web Design and Development</div> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; margin-bottom: 10px;"></div> <p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <div style="border: 1px solid black; height: 20px;"></div>	<p>2.0 Administering Faculty/Unit</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">School of Continuing Studies</div> <p>Offering Faculty/Department</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">SCS/Career and Professional Development</div> <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 10px;">841909</div>
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4.0 Rationale for new proposal

One of the most in-demand skills in the web design industry today is the Full Stack specialization. According to Statistics Canada, employment growth in this occupation will be driven by the expansion of computer systems design services, which will see higher growth than all industries combined. The development of Web applications, online commercial activities and customized website design will foster the demand for these professionals¹. This non-credit program will help address the growing labour market need for web design and development professionals. Adm.req: PDC in Front End WDD and PDC in Back End WDD.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input type="checkbox"/> Master's</p> <p><input checked="" type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input type="checkbox"/> Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input checked="" type="checkbox"/> Other (Please specify) Professional Development Certificate</p>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other Please specify</p>	<p>5.3 Level</p> <p><input type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input checked="" type="checkbox"/> Continuing Ed (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes ___ No ___</p> <p>5.5 Requires Resources Yes ___ No <u>X</u></p>
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6.0 Total Credits/CEUs

12 CEUs

7.0 Consultation with Related Units

Financial Consult	Yes	No
	X	
Attach list of consultations.	Yes	No X

8.0 Program Description (Maximum 150 words)

The Professional Development Certificate in Full Stack Web Design and Development is a non-credit program designed to enable participants to apply in practice the knowledge and skills acquired during the course of study in the Front End Web Design and Development and Back End Web Design and Development programs.

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)

Professional Development Certificate in Full Stack Web Design and Development (12 CEUs)





Required Courses (12 CEUs)

YCIT 015 Web Security Fundamentals (3 CEUs)

YCIT 016 DevOps and Deployment for Web Development (3 CEUs)

YCIT 099 Full Stack Capstone Project (6 CEUs)

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	Inna Popova, Director, CPD Non-Credit Programs		26 Feb 19
Curric/Acad Committee	Carmen Sicilia, Associate Dean		27 Feb 19
Faculty 1	Hang Lau, A/Director, CPD Credit Programs		27 Feb 2019
Faculty 2	Carola Weil, Dean of Continuing Studies		27 Feb 2019
Faculty 3	SCTP APPROVED		
SCTP			MARCH 21, 2019
GS			
APPC		APC	April 11, 2019
Senate		SENATE	April 17, 2019

Submitted by

Name	Lucia Brunetti
Phone	514-398-6152
Email	Lucia.Brunetti@mcgill.ca
Submission Date	12 February 2019

To be completed by ARR:

CIP Code



(2013)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>Certificate</p> <p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Translation</p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p>English to Spanish</p> <p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p>	<p>2.0 Administering Faculty/Unit</p> <p>School of Continuing Studies</p> <p>Offering Faculty/Department</p> <p>SCS / Translation Studies</p> <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>201909</p>
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4.0 Rationale and Admission Requirements for New Proposal

See Addendum 1.0

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p>Bachelor's Program</p> <p><input type="checkbox"/> Master's M.Sc. (Applied) Program Dual Degree/Concurrent Program</p> <p><input checked="" type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program Doctorate Program (Other than Ph.D.) Private Program Off-Campus Program Distance Education Program (By Correspondence) Other (Please specify)</p>	<p>5.2 Category</p> <p>Faculty Program (FP) Major Joint Major Major Concentration (CON) Minor Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other Please specify</p> <p></p>	<p>5.3 Level</p> <p><input checked="" type="checkbox"/> Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Studies (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes No</p> <p>5.5 Requires Resources Yes ___ No XX</p>
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<p>6.0 Total Credits</p> <p>30</p>	<p>7.0 Consultation with Related Units Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Financial Consult Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Attach list of consultations.</p>
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8.0 Program Description (Maximum 150 words)

The Certificate in Translation (English to Spanish) aims to meet the industry need for professionally trained translators in the North American context as a result of globalization and immigration trends. A review of the normative uses of language and the problems of translation will be followed by the translation of texts in a variety of fields currently in high demand, as well as an in-depth examination of ethical standards, and best practices in the profession. Computer-aided translation tools are an integral part of the curriculum, as is the opportunity to participate in a translation practicum. The certificate is part-time and can be completed in two years.

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)

Certificate in Translation (English to Spanish) (30 credits)

Co-requisite (3 credits)

CCTR 218 Fundamentals of Comparative Stylistics & Writing (Spanish) (3 credits) †
† *This course can be taken with CCTR 228 and/or CCTR 334.*

Required Courses (24 credits)

CCTR 228 Introduction to Translation (English to Spanish) (3 credits)
CCTR 331 Current Trends in Translation Studies (3 credits)
CCTR 334 Spanish Translation to English (3 credits)
CCTR 335 Semi-Specialized Translation (English to Spanish) (3 credits)
CCTR 443 International Business Translation (English to Spanish) (1.5 credits)
CCTR 445 Healthcare Translation (English to Spanish) (1.5 credits)
CCTR 447 International Development Translation (English to Spanish) (1.5 credits)
CCTR 449 Transcreation (English to Spanish) (1.5 credits)
CCTR 506 Editing and Revising (Spanish) (3 credits)
CCTR 535 Computer-Aided Translation and Terminology * (3 credits)

Complementary Courses (6 credits)

CCTR 401 Independent Studies: Translation * (3 credits)
CCTR 485 Introduction to Public Service Interpreting * (3 credits)
CCTR 500 Translation Practicum * (3 credits)
CCTR 504 Professional Contexts (3 credits)
CCTR 599 Special Topics in Translation Studies * (3 credits)
CGMG 210 Fundamentals of Project Management (3 credits)
CMRK 200 Fundamentals of Marketing (3 credits)

* *Departmental approval required.*

Addendum 1.0

4.0 - Rationale and Admission Requirements

Admission Requirements:

To be admitted to the Certificate Program in Translation:

1. Students must possess native or near-native command of the languages of study (emphasis will be placed on written skills);
2. Students must pass an Entrance Examination;
3. Students must hold a CEGEP diploma (D.C.S. or equivalent);
4. Students 21 years of age and over who do not have the normal academic background for admission may be admitted as Mature students.

The Translation Studies Unit is proposing a new Certificate in Translation, English to Spanish (which is a new language pair option in the Certificate in Translation program). The main reasons for this proposal fall under three major themes:

- 1) A current curriculum, the Certificate in Translation, French/English-to-Spanish option (i.e. course content, sequence and integration of different courses) does not lend itself to optimal translation-competence acquisition. The French/English-to-Spanish option will be phased out and eventually retired once the throughput of existing students have either 1) transferred to the new English-to-Spanish option, or 2) graduated.
- 2) We need a more responsive curriculum to current market demands in English-to-Spanish translation. This new option does not exist in the current Certificate in Translation.
- 3) The new language combination being proposed is *English to Spanish* and not a trilingual option (like the French/English to Spanish option). The main reason is that translation courses that involve more than one source or target language *within the same course* are not generally recognized by the *Ordre des traducteurs, terminologues et interprètes agréés du Québec* (OTTIAQ) and other professional associations.

For more details on the new courses in this program, please see the additional course revision or new course forms attached to this proposal.

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	CÓRDOBA SERRANO María Sierra	<i>[Signature]</i>	Feb. 27, 2019
Curric/Acad Committee	SICILIA, Carmen	<i>[Signature]</i>	Feb 27, 2019
Faculty 1	LECLERC, Catherine	<i>[Signature]</i> *	March 5, 2019
Faculty 2	WEIL, Carola	<i>[Signature]</i> for.	Feb 28, 2019
Faculty 3	SCTP		
CGPS			
SCTP	APPROVED		MARCH 21, 2019
APC			
Senate			

* María Sierra Córdoba for Prof. Catherine Leclerc in her absence.

Submitted by

Name:

Phone:

Email:

Submission Date:

To be completed by ARR:

CIP Code



(2017)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <input type="text" value="Diploma"/>	<p>2.0 Administering Faculty/Unit</p> <input type="text" value="Faculty of Agricultural and Environmental Sciences"/>
<p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <input type="text" value="Commercial Cannabis"/>	<p>Offering Faculty/Department</p> <input type="text" value="FAES/Plant Science;Food Science & Agricultural Chemistry"/>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <input type="text"/>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <input type="text" value="Winter 2020"/>
<p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <input type="text"/>	

4.0 Rationale and Admission Requirements for New Proposal

Legalization of cannabis in Canada has resulted in enormous growth in the cannabis production industry, and a need for highly trained employees to oversee areas key to production and product development. Industrial consultation has confirmed that this self-funded Diploma will meet their needs for highly trained personnel. All applicants must have a BSc in biological, agricultural or environmental sciences, 15 credits of plant-related courses, a course in biochemistry or organic chemistry, and a minimum of CGPA of 3.0. In exceptional circumstances, relevant work experience will be considered in lieu of plant courses. A criminal record check is required.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc.(Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input checked="" type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input checked="" type="checkbox"/> Self-Funded/Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input type="checkbox"/> Other (Please specify)</p> <input type="text"/>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other</p> <p>Please specify</p> <input type="text"/>	<p>5.3 Level</p> <p><input checked="" type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Ed (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) Yes ___ No ___</p> <p>5.5 Requires Resources Yes <u>X</u> No ___</p>
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6.0 Total Credits

7.0 Consultation with Related Units Yes No

Financial Consult Yes No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

The Diploma in Commercial Cannabis focuses on ethical, medical, and legal issues related to the commercial cannabis industry, cannabis medicinal chemistry, contaminants and product development, as well as theoretical and hands-on experience of production, breeding and disease management. The program includes an internship that involves solving a specific problem that the commercial cannabis industry is facing. The program will extend over 12 months.

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

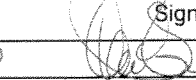
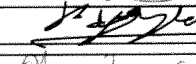


If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

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 (30 credits)

- FDSC 475 Introduction to Cannabis and Cannabinoids (3)
- FDSC 476 Contaminants in Cannabis (3)
- FDSC 477 Introduction to Cannabis Product Design (3)
- PLNT 470 Cannabis Issues and Concerns (3)
- PLNT 471 Commercial Cannabis Production (4)
- PLNT 472 Cannabis Genetics and Breeding (4)
- PLNT 473 Control of Cannabis Diseases (4)
- PLNT 474 Commercial Cannabis Internship (6)

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	Department of Plant Science (Strainville)		Jan 29, 2019
Dept. Curric/Acad Committee	Fd Sc + Agr. Chem (Yong Layson)		2019-01-29
Faculty 1 Curriculum	M.E. Scott		2019-01-07
Faculty 2 (FAES)	J. Ten Eyck		2019-02-15
Faculty 3			
CGPS			
SCTP	SCTP APPROVED		MARCH 21, 2019
APC			
Senate			

Submitted by

Name	Suha Jabaji	To be completed by ARR:
Phone	514-398-7561	CIP Code
Email	suha.jabaji@mcgill.ca	
Submission Date	Jan 29, 2019	



<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <input type="text" value="Master of Management (M.M.)"/>	<p>2.0 Administering Faculty/Unit</p> <input type="text" value="Graduate and Postdoctoral Studies (GPS)"/>
<p>1.1 Major (Legacy = Subject) (30-char. max.)</p> <input type="text" value="Retailing"/>	<p>Offering Faculty/Department</p> <input type="text" value="MG - Management"/>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max)</p> <input type="text" value="Non-Thesis"/>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <input type="text" value="202009"/>
<p>1.3 Minor (with Concentration, if Applicable) (30char. max)</p> <input type="text"/>	

4.0 Rationale and Admission Requirements for New Proposal

The future of retail is being re-invented owing to fast changing consumer behavior, rapid technological innovations, globalization and the rise of E-commerce, and big data analytics. The Masters of Management in Retailing aims to equip students with the tools and knowledge they need to respond to these disrupters and shape the future of this sector, while promoting sustainable consumption and healthier societies. Desautels Faculty of Management standard Masters Level requirements apply (GMAT). Preference will be given to candidates with retail experience, although not required.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input checked="" type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input checked="" type="checkbox"/> Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input type="checkbox"/> Other:</p> <p>Please specify</p> <input type="text"/>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input checked="" type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other:</p> <p>Please specify</p> <input type="text"/>	<p>5.3 Level</p> <p><input type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Studies (Non-Credits)</p> <p><input checked="" type="checkbox"/> Masters & Grad Dip & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/ Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p>
		<p>5.4 FQRSC (Research) Indicator (For GPS)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
		<p>5.5 Requires Resources (financial, personnel, space)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

6.0 Total Credits

7.0 Consultation with

Related Units Yes No

Financial Consult Yes No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

The Master of Management in Retailing; Non-Thesis is focused on the customer journey and explores how retail disruptors can lead to retail innovations that can significantly improve operational efficiencies, competitiveness and impact customer satisfaction. International in scope, the program will focus on how retailers must adapt to the rapidly changing and increasingly complex global business environment to thrive. It aims to integrate diverse disciplines and experiential learning opportunities, including an optional internship, research opportunities with the state-of-the-art Retail Lab, in addition to an international trip and Global Retail Challenge.

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 courses) of existing Major/Minor.

Proposed program (list course as follow: Subj Code/Crse Num, Title, Credit weight, under the heading of: Required Courses, Complementary Courses, and Elective Courses).

Master of Management in Retailing; Non-Thesis (45 credits)

Required Courses (21 credits)

RETL 601 Foundations of Retailing (3 credits)
RETL 603 Retail Science and Data Analytics (3 credits)
RETL 611 360-Degree Customer Insight (3 credits)
RETL 613 Digital Retailing Models (3 credits)
RETL 615 Managing Retail Operations (3 credits)
RETL 617 Managing for Sustainability (3 credits)
RETL 625 Experiential Retail (3 credits)

Complementary Courses (24 credits)

12-21 credits from:

RETL 621 Retail Internship (6 credits)
RETL 631 Digital Media Marketing (3 credits)
RETL 633 Data-Driven Retail Decisions (3 credits)
RETL 635 Creativity and Experiential Economy (3 credits)
RETL 637 Innovative Retail Technology (3 credits)
RETL 641 Fashion Retail Management (3 credits)
RETL 643 Fintech and Financial Services (3 credits)
RETL 645 Food Retail (3 credits)
RETL 661 Advanced Topics in Retail Management 1 (3 credits)
RETL 662 Advanced Topics in Retail Management 2 (3 credits)
RETL 663 Advanced Topics in Retail Management 3 (3 credits)

3-12 credits from:

INSY 645 Managing Electronic Commerce (3 credits)
INSY 653 Analytics for Digital Business Models (3 credits)
INSY 661 Database and Distributed Systems for Analytics (3 credits)
MGSC 672 Operations and Supply Chain Analytics (1.5 credits)
MRKT 672 Internet Marketing Analytics (1.5 credits)
MRKT 673 Pricing Analytics (1.5 credits)
ORGB 633 Managerial Negotiations (3 credits)
ORGB 661 Ethical Leadership and Leading Change (1.5 credits)
ORGB 671 Talent Analytics (1.5 credits)

10.0 Approvals

Routing Sequence

Name

Signature

Date

Department

MORTY YALOUSKY

Marty Yalousky

Curric/Acad Committee

Liette LAPOINTE

Liette Lapointe

Faculty 1

SAIBAL RAY

Saibal Ray

Faculty 2

Faculty 3

CGPS

SCTP

CGPS APPROVAL

February 11, 2019

SCTP

APPROVED

MARCH 21, 2019

APC

Senate

Submitted by

Name

To be completed by ARR:

Phone

CIP Code

Email

Submission Date