

McGILL UNIVERSITY SENATE

# Report of the Academic Policy Committee D18-59

# 492<sup>nd</sup> REPORT OF THE ACADEMIC POLICY COMMITTEE TO SENATE on the APC meeting held on April 11<sup>th</sup>, 2019

# I. <u>TO BE APPROVED BY SENATE</u>

# (A) NEW TEACHING PROGRAMS REQUIRING SENATE APPROVAL

## School of Continuing Studies Professional Development Certificate in Full Stack Web Design and Development (12 CEUs)

**Development (12 CEUs)** - appendix A At a meeting on April 11<sup>th</sup>, 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 Professional Development Certificate in Full Stack Web Design and Development (12 CEUs).* 

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

At a meeting on April 11<sup>th</sup>, 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 11<sup>th</sup>, 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 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.)

- appendix B

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

– appendix D

At a meeting on April 11<sup>th</sup>, 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 for 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. <u>TO BE ENDORSED BY SENATE / PRESENTED TO SENATE FOR DISCUSSION</u> – none

# III. <u>APPROVED BY APC IN THE NAME OF SENATE</u>

- (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: <u>http://www.mcgill.ca/sctp/documents/</u>)
- i. Moderate and Minor Program Revisions Approved by SCTP on October 18<sup>th</sup>, 2018 and reported to APC on April 11<sup>th</sup>, 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**

<u>Faculty of Arts</u> 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.)

<u>Interfaculty Studies</u> Ph.D. in Quantitative Life Sciences (0 cr.)

<u>Faculty of Medicine</u> 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 21<sup>th</sup>, 2019 and reported to APC on April 11<sup>th</sup>, 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 21<sup>th</sup>, 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 21<sup>th</sup>, 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 21<sup>th</sup>, 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 21<sup>th</sup>, 2019: 3*  Faculty of Engineering: 2 Faculty of Medicine: 1

3. Other – none.



# New Program/Major or Minor/Concentration Proposal Form

(2017)

	quires Resources s No <u>_X</u> Yes <b>X</b> No			
	quires Resources			
5.5 Re(				
(for	GPS) Yes No			
5.4 FQ	RSC (Research) Indicator			
• • • •	tdoctoral Fellows			
_	duate Qualifying			
	t-Graduate Medicine/Dentistry			
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	ergraduate tistry/Law/Medicine			
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Term				
3.0 Effective Term of Imp (Ex. Sept. 2004 = 200	olementation 0409)			
SCS/Career and Profes	sional Development			
Offering Faculty/Department				
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2.0 Administering Faculty	//Unit			
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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)

New Program/Major or Minor/ Concentration Proposal Form P1-2

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Inna Popova, Director, CPD Non-Credit Programs	Much	261eb 19
Curric/Acad Committee	Carmen Sicilia. Associate Dean	Bjale	27 Feb 19.
Faculty 1	Hang Lau, A/Director, CPD Credit Programs	4 am	27 Feb 2019
Faculty 2	Carola Weil, Dean of Continuing Studies	m	27 Feb-2019
Faculty 3	SCTD		
SCTP			MARCH 21, 2019
GS	VPPKOVED		
APPC			
Senate			
Submitted by			
Name [	Lucia Brunetti	To be completed by ARR:	
Phone [	514-398-6152	CIP Code	
Email [	Lucia.Brunetti@mcgill.ca		
Submission Date	12 February 2019		

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# Minor/Concentration Proposal Form

			(201
1.0 Degree Title		2.0 Administeri	ng Faculty/Unit
Please specify the two degrees for co	oncurrent degree	1	
programs		School of C	Continuing Studies
Certificate		k	
1.1 Major (Legacy= Subject)(30-char. ma	ix.)	Offering Fa	culty/Department
Translation		SCS / Trans	lation Studies
1.2 Concentration (Legacy = Concentration If applicable to Majors only (30 char.			erm of Implementation 2004 = 200409)
English to Spanish		201909	
1.3 <u>Minor (with Concentration, if Applicab</u>	le) (30 char. max.)	201305	
4.0 Rationale and Admission Requirement	nts for New Proposal		
See Addendum 1.0			
See Addendum 1.0			
5.0 Program Information Please check appropriate box(es)			
5.1 Program Type	5.2 Category		5.3 Level
Bachelor's Program	Faculty Program	n (FP)	X Undergraduate
☐ Master's	Major		Dentistry/Law/Medicine
M.Sc. (Applied) Program	Joint Major		Continuing Studies (Non-Credit)
Dual Degree/Concurrent Program	Major Concentra	ation (CON)	Collegial
X Certificate	Minor		□ Masters & Grad Dips & Certs
Diploma	Minor Concentra	ation (CON)	Doctorate
Graduate Certificate	🗌 Honours (HON)		Post-Graduate Medicine/Dentistry
🗌 Graduate Diploma	□ Joint Honours C	Component (HC)	Graduate Qualifying
Ph.D. Program	Internship/Co-c	р	Postdoctoral Fellows
Doctorate Program	🗌 Thesis (T)		5.4 FQRSC (Research) Indicator
(Other than Ph.D.)	Non-Thesis (N)		(for GPS) Yes No
Private Program	Other		
Off-Campus Program	Please specify		5.5 Requires Resources
Distance Education Program	· · ·		Yes No <u>XX</u>
(By Correspondence)			
Other (Please specify)			
		~	
6.0 Total Credits		7.0 Consultation Related Units	
30		Financial Con	_
1	I	Attach list of c	

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. Computeraided 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) † *t 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.

Attach extra page(s) as needed

New Program/Major or Minor/ Concentration Proposal Form P1-2

#### 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:

- 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 translationcompetence 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.

PROJ. 19.8

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	CÓRDOBA SERRANO María Sierra	to Co	Feb. 27, 2019
Curric/Acad Committee	SICILIA. Carmen	Dak	Feb 27,0019
Faculty 1	LECLERC. Catherine	Ke e *	March 5, 2015
Faculty 2	WEIL. Carola	Adre for.	Feb 28, 201
Faculty 3	SCTP		
CGPS	BBBBUEB		
SCTP	PPKOVED		MARCH 21, 2019
APC			
Senate			
	* Maria Sierre Gidoba for	Prof. Collere Leclerc	in her absence.
Submitted by	v		
Name	Brvan Jim	To be completed by ARR:	
Phone	514-398-1484	CIP Code	
Email	brvan.iim@mcoill.ca		
Submission Date			
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	(2017)
<ol> <li>Degree Title Please specify the two degrees for concurre programs</li> </ol>	2.0 Administering Faculty/Unit ht degree
Diploma	Faculty of Agricultural and Environmental Sciences
1.1 Major (Legacy= Subject)(30-char. max.)	Offering Faculty/Department
Commercial Cannabis	FAES/Plant Science;Food Science & Agricultural Chemistry
1.2 Concentration (Legacy = Concentration/Opti If applicable to Majors only (30 char. max.)	on) 3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term Winter 2020
1.3 Minor (with Concentration, if Applicable) (30	
4.0 Rationale and Admission Requirements for I	lew Proposal
employees to oversee areas key to production and Diploma will meet their needs for highly trained pe sciences, 15 credits of plant-related courses, a cou	enormous growth in the cannabis production industry, and a need for highly trained product development. Industrial consultation has confirmed that this self-funded sonnel. All applicants must have a BSc in biological, agricultural or environmental rse in biochemistry or organic chemistry, and a minimum of CGPA of 3.0. In ce will be considered in lieu of plant courses. A criminal record check is required.
5.0 Program Information Please check appropriate box(es)	
Bachelor's Program       F         Master's       M         Dual Degree/Concurrent Program       J         Certificate       M         Certificate       M         Graduate Certificate       M         Graduate Certificate       H         Doctorate Program       J         Doctorate Program       I         Other than Ph.D.)       N         Self-Funded/Private Program       Off Campus Program	ategory       5.3 Level         aculty Program (FP)       Image: Undergraduate         lajor       Dentistry/Law/Medicine         bint Major       Continuing Ed (Non-Credit)         lajor Concentration (CON)       Collegial         linor       Masters & Grad Dips & Certs         linor Concentration (CON)       Doctorate         onours (HON)       Post-Graduate Medicine/Dentistry         onours (HON)       Post-Graduate Qualifying         hernship/Co-op       Postdoctoral Fellows         s.4 FQRSC (Research) Indicator       (for GPS) Yes No         ther       5.5 Requires Resources Yes X_No
6.0 Total Credits	7.0 Consultation with
1	Related Units Yes 🗵 No 🗌
6.0 Total Credits 30	

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)

Attach extra page(s) as needed

New Program/Major or Minor/ Concentration Proposal Form P1-2

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Department of Plant Science (Stromvik		Jan 29, 2019
Curric/Acad Committee	For se + Agr. chem (You layon	- Alex	2019-01-29
Faculty 1 Curriculu	M.E. Scott	Mant Batt	2019-01-07
Faculty 2 (FAES)	J. Tenfyck	g. Tentyck	2019-02-15
Faculty 3	CATO		
CGPS	JUIF		
SCTP	<b>PPROVED</b>		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		



# New Program/Major or Minor/Concentration Proposal Form

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1.0	Degree Title Please specify the two degrees for concurrent	degree	2.0	Administering Fa	culty/	Unit		
	programs Master of Management (M.M.)			Graduate and F	Dootdo	atoral Studioa		
							(GF3)	
1.1	Major (Legacy = Subject) (30-char. max.) Retailing			Offering Faculty/ MG - Managem	•	tment		
	-							
1.2	Concentration (Legacy = Concentration/Option If applicable to Majors only (30 char. max)	ו)	3.0	Effective Term of (Ex. Sept. 2004 = Term				
	Non-Thesis			202009		7		
1.3	Minor (with Concentration, if Applicable) (30ch	ar. max	;)					
4.0	Patianala and Admission Paquiroments for No	NW Drop						
4.0	Rationale and Admission Requirements for Ne The future of retail is being re-invented	•		mor bobovior ror	vid to	choological in	novations	
	globalization and the rise of E-commerce students with the tools and knowledge t promoting sustainable consumption and requirements apply (GMAT). Preference	hey ne I health	ed to respond to these nier societies. Desaute	e disrupters and sl Is Faculty of Mana	hape agem	the future of th	this sector, while Masters Level	
5.0	Program Information							
0.0	Please check appropriate box(es)							
5.1	Program Type	5.2	Category		5.3	Level		
	□ Bachelor's Program		□ Faculty Program (FF	2)		Undergrad	luate	
	⊠ Master's		□ Major	,		□ Dentistry/L		
	□ M.Sc. (Applied) Program		, □ Joint Major			Continuing		
	Dual Degree/Concurrent Program		□ Major Concentration	(CON)		(Non-Cred	its)	
			□ Minor			⊠ Masters &	Grad Dip & Certs	
	□ Diploma		Minor Concentration	(CON)		□ Doctorate		
	Graduate Certificate		□ Honours (HON)			□ Post-Grad	uate Medicine/	
	Graduate Diploma		□ Joint Honours Comp	onent (HC)		Dentistry		
	Ph.D. Program		□ Internship/Co-op			Graduate	Qualifying	
	Doctorate Program		🗆 Thesis (T)			Postdoctor	ral Fellows	
	(Other than Ph.D.)		🛛 Non-Thesis (N)					
	⊠ Private Program		□ Other:		5.4	FQRSC (Res	search) Indicator	
	Off-Campus Program		Please specify			(For GPS)		
	Distance Education Program					□ Yes	🖾 No	
	(By Correspondence)							
	□ Other:				5.5	Requires Res	sources rsonnel, space)	
	Please specify					$\Box$ Yes	⊠ No	
6.0	Total Credits		7.	0 Consultation with	<u> </u>			
-				Related Units		⊠ Yes	□ No	
	45 credits			Financial Consul	t	⊠ Yes		
				Attach list of con				
<u> </u>								
				New Prog	ram/M	ajor or Minor/Cor	ncentration Proposal Fo	rm P1-1

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			