Minutes of the Sixth Meeting of Senate
Friday, March 17, 2017
3:00 – 5:00 pm
618 University Avenue

Present: A. Abd-El-Aziz (Chair), L. Chilton, M. Doyle, L. Edwards, N. Etkin, R. Gilmour, K. Gottschall-Pass, L. Hammell, N. Hood, G. Irvine, B. Jakubiec, Z. Jarvis, G. Jiwani, G. Keefe, K. Kielly, N. Kujundzic, G. Lindsay, A. MacFarlane, T. Mady, D. Moses, C.Murray, M. Murray. S. Myers, B. O'Keefe, J. Podger, J. Preston, C. Ryan, N. Saad, J. Sentance, S. St. Hilaire, S. Wilfeard and R. Wills

Regrets: R. Bissessur, S. Lee and Erin MacNeill

Absent: G. Conboy, J. Doiron, P. Foley, C. Kamunde, J. Krause, R. MacDonald, E. MacNeill, J. Rix and M. van den Heuvel

Recorder: D. MacLean, Administrative Assistant to Senate

President Alaa Abd-El-Aziz called the meeting to order at 3:05 p.m.

1. Approval of Agenda

MOTION (L. Edwards/K. Gottschall-Pass) to approve the agenda as presented. CARRIED

2. Approval of Minutes

MOTION (L. Edwards/N. Hood) to approve the minutes of February 17, 2017 as presented. CARRIED

3. Business Arising

R. Gilmour informed Senators that information on the Transitions Program, deferred from the February 17th meeting of Senate, will be brought forward to the next meeting of Senate, May 5th. Also, the VPAR advised that further to a review by the APCC the academic calendar dates are confirmed: the start and end dates for the semesters, 60 teaching days per fall and winter semesters, and date of Convocation, will remain the same. Flexibility to address the impact of storm closures on a semester will continue to be handled by the Senate when required.

4. President's Report

President Abd-El-Aziz reported that the Presidents of UNB, Memorial University, Dalhousie University and UPEI met recently to discuss economic growth strategies as they relate to research, and particularly to enriching our communities. The President also attended meetings in Ottawa with MP's and Senators to discuss exciting new opportunities for the future.

MEETING MOVED TO CLOSED SESSION

Dr. Robert Gilmour was invited to leave the meeting to enable the Chair to update the Senate on the VP Academic and Research Search process.

President Abd-El-Aziz informed Senators on the status of the Search for the VPAR position. Members of the Search Committee include Faculty Senators K. Gottschall-Pass and C. Ryan; Board of Governors' Representatives S. Harper and M. Thompson; the Comptroller, Tara Judson, and Student Representative J. Rix. Four candidates were short-listed and interviewed. Of these four, two were selected to provide presentations to the campus community. One of the two finalists subsequently withdrew his application from the competition. In the next week, one candidate will be offering a presentation and C. Ryan will chair the event. Feedback will be collected from the campus community and the Search Committee will review all comments and make a recommendation to the President.

Dr. Gilmour returned to the meeting.

The President spoke to the budget planning process and noted that we may not know the amount of the government grant for this year until sometime in April. Also, he informed senators that the Inspire Campaign has currently raised $37.5M of the $50M goal.

5. <u>Senate Reports</u>

a) Senate Steering and Nominating Committee Report

The Senate Steering and Nominating Committee report was presented for information:

NOTE: An election will be required to replace Dr. Jim Sentance, Economics, for a 3 year term (July 1, 2017-June 30, 2020). The results of the election will be provided to the Senate at the next meeting, May 5th, 2017.

SABBATICAL REPLACEMENT REQUIRED

Dr. Sophie St. Hilaire, Health Management, AVC will be on sabbatical from August 15, 2017 to August 14, 2018. Normally, replacements come from the same department.

FOR INFORMATION OF SENATE

At the General Faculty meeting on February 28, 2017, the following faculty members were acclaimed to sit on Senate:

Professor Greg Irvine, Music Department, Faculty of Arts for another three-year term, July 1, 2017 - June 30, 2020.

Dr. Richard Raiswell, History Department, Faculty of Arts, for a three-year term, July 1, 2017 - June 30, 2020.

Dr. Rabin Bissessur, Chemistry Department, Faculty of Science, for a three-year term, July 1, 2017 - June 30, 2020.

Professor Patrice Drake, School of Nursing, replacing Professor Christina Murray for her one-year sabbatical leave, July 1, 2017 - June 30, 2018.

Dr. Pamela Courtney-Hall, Philosophy Department, Faculty of Arts, replacing Dr. Malcolm Murray for his six-month sabbatical leave, July 1, 2017 - December 31, 2017.

Dr. Aitazaz Farooque, School of Engineering, Faculty of Science, replacing Dr. Kathy Gottschall-Pass for her one-year sabbatical leave, July 1, 2017 - June 30, 2018.

Dr. Amy Hsaio, School of Sustainable Design Engineering, replacing Dr. Jason Doiron for one of the two "Faculty at Large" positions for a three-year term, July 1, 2017 - June 30, 2020

Professor Amy MacFarlane, Faculty of Business, for one of the two "Faculty at Large" positions, for another three-year term, July 1, 2017 – June 30, 2020

STUDENT MEMBERS
Babafella Awosile resigned his position from Senate, and **Brittany Jakubiec** has been appointed by the Student Union to replace him for the remainder of his term, to April 30, 2017.

b) **Academic Planning and Curriculum Report**
Robert Gilmour provided a power point presentation to Senators on the establishment of a School of Climate Change and Adaptation. Discussions in regards to some elective courses from the Faculty of Arts and Faculty of Science was noted, and the submission to MPHEC should include some of these suggestions. The following motion was proposed:

MOTION (R. Gilmour/K. Gottschall-Pass) to approve in principle the establishment of the School of Climate Change and Adaptation with submission of related programming to MPHEC. CARRIED

i) Fifth Curriculum Report

FACULTY OF ARTS
OMNIBUS Motion (R. Gilmour/N. Kujundzic) that motions 1-2 be approved as noted below:

History
1) To have the change in the description of the History Honours program be approved as follows:

Revised
- Students intending to enter graduate programs should be aware that many such programs require a reading knowledge of a second language. Undergraduate courses in a second language are a useful preparation for graduate work in history.

• ~~Honours students must complete courses totaling 6 semester hours of credit at the 200-400 levels in four of the six areas of study: Greek and Roman, Europe, Britain, the USA, Canada and Global.~~

International Development Studies

2) That the changes to the International Development Studies program entry in the Calendar be approved as proposed.

Revised

International ~~Development~~ Studies

REQUIREMENTS FOR A MINOR IN INTERNATIONAL ~~DEVELOPMENT~~ STUDIES

Students wishing to minor in International ~~Development~~ Studies must complete twenty-one semester hours according to the program described below. All courses are valued at three semester hours.

~~1. The core course in International Development Studies~~

~~IDS 201: Introduction to International Development Studies~~

~~PLUS~~

~~2. Two courses (6 semester hours) from the list of electives as follows:~~

~~i. minimum of six semester hours from~~

~~a. EC 341: Economic Development Theory~~

~~EC 342: Economic Development Policy OR~~

~~b. POLS 221: Political Economy and Social Change in the Developing World POLS 282: Introduction to International Politics~~

~~POLS 392: International Political Economy~~

~~POLS 393: International Theory~~

~~ii. four other courses (12 semester hours) from the following list of electives:~~

There are two mandatory courses in the International Studies program:

INT 201: Introduction to International Development Studies

This course examines important theoretical and empirical issues of international development using an interdisciplinary approach. The course focuses on a critical analysis of comparative development experience of developing and developed countries, various theories, policy alternatives and strategies of development, and the role of national and international organizations in international development.

POLS 282: Introduction to International Politics

This course examines the evolution and structure of the contemporary global system and considers the perennial questions of peace and stability in a world of independent polities. It treats the diverse capabilities, roles and relationships of state and non-state actors, and considers major patterns of change in the post-war world. Principal attention is directed to recurring theoretical concerns in the study of international politics. Both lectures and readings make generous use of case studies and contemporary issues.

PREREQUISITE: Permission of the instructor
Lecture: Three hours a week

All other courses taken to fulfill an International Studies minor should come from the list of elective courses indicated below; any exception must receive the permission of the program coordinator.

No more than two International Studies cross-listed courses (not counting the two core courses noted above) can be fulfilled with courses taken from any one department or program listed below.

At least 3 of the 7 courses required for the minor must be taken at the 300 or 400 level.

It is strongly recommended that students endeavor to gain proficiency in a second language.
Recommended language courses:
FR 252: Le Français Des Affaires
FR 446: Traduction: Anglais—Français
FR 447: Traduction: Français—Anglais
SPAN 101; 102: Spanish
SPAN 203: Intensive Study Abroad (Salamanca)

Whenever circumstances warrant it, the Modern Languages Department offers courses in languages other than French, German or Spanish. In the past introductory courses have been offered in Chinese, Irish, Italian, Japanese, Russian, Mi'kmaq and Scottish Gaelic. For Japanese or other Asian languages see Asian Studies.

101 Introduction to [A Selected Modern Language] I
102 Introduction to [A Selected Modern Language] II

Asian Studies
AST 201: Introduction to West Asia
AST 202: Introduction to East Asia

Business
BUS 287: Introduction to International Business
BUS 477: International Marketing

Economics
EC 331: International Trade
EC 332: International Monetary Economics
EC 341: Economic Development Theory
EC 342: Economic Development Policy

~~Education~~
~~ED 462: International Education~~
~~ED 465: International Development International Development Studies~~

~~IDS 421-422: Directed Studies~~

English
English 301 - The New English Literatures of Africa and the Caribbean
English 302 - The New English Literatures of Australia, New Zealand, and the Indian Subcontinent

Environmental Studies
342 Environment and Development
441 Environment and International Relations

History
114 Plague: Historical Themes
215 Foreign Foods: Eating in the Age of Empires
328 Migrations To Canada II
376 The History of Genocide
415 Canada Apologizes: Studies In Historical Apologies
432 Britain and the Imperial Experience
442 United States Foreign Policy Since World War I
455 War and Revolution in the 20th Century World

International Studies
INT 202 International Development Problems and Policies

INT 209 Special Topics
To create a category for Special Topics in International Studies

INT 309 Special Topics
To create a category for Special Topics in International Studies

INT 409 Special Topics
To create a category for Special Topics in International Studies

421-422 Directed Studies

Island Studies
IST 201 Introduction to Island Studies
IST 211 Island Tourism: The Search for Paradise

Modern Languages
FR 252: Le Français Des Affaires
FR 446: Traduction: Anglais—Français
FR 447: Traduction: Français—Anglais
~~GER 201: Intermediate German I~~
~~GER 202: Intermediate German II~~

SPAN 201-202: Intermediate Spanish
SPAN 203: Intensive Study Abroad (Salamanca)
SPAN 211 Latin American Studies: South America
SPAN 212 Latin American Studies: Mexico and the Caribbean

Music
MUS 123 Introduction to Music and Culture
MUS 124 Perspectives in Music and Culture I
MUS 202 Explorations in Music
MUS 223 Perspectives in Music and Culture II
Political Science
POLS 221: Political Economy and Social Change in the Developing World
POLS 231 War and Peace
POLS 282: Introduction to International Politics
POLS 343: Comparative Politics of South Asia
POLS 361: Comparative Politics of Africa
POLS 362: Comparative Politics of Latin America and the Caribbean POLS 363: Comparative Politics of the Middle East
POLS 371: Political Transition in Central and Eastern Europe
POLS 372: The Politics of Russia and Its Borderlands
POLS 393: International Theory
POLS 435: The Globalization Debate
POLS 471: International Organizations
POLS 472: International Law
POLS 475: International Human Rights

Religious Studies
RS 105 World Religions
RS 221 Buddhism East and West
RS 242 Hinduism
RS 243 Judaism
RS 244 Islam
RS 251 Japanese Religion and Culture
RS 261 Chinese Religion and Philosophy
RS 279 Catholicism, Christian Unity, and World Religions
RS 322 Religious Ethics East and West
RS 323 Interreligious Dialogue
RS 352 Mysticism In Buddhism and Christianity

Sociology/Anthropology
SAN 212: Peoples of South Asia
SAN 242: Peoples of Oceania
SAN 251: Peoples of Africa
SAN 303 International Migration, Transnationalism, and the Canadian Mosaic

SAN 355: Globalization
ANTH 401 Medical Anthropology
ANTH 404 Applied and Public Interest Anthropology
SAN 442 Social and Cultural Change
~~* Special Studies in the other disciplines may be considered.~~
Special topics courses (usually designated by a 209 or 309 course number) may be counted towards the International Studies minor. Likewise, courses taken during an international exchange program may be permitted. Check with the program director concerning course eligibility.

FACULTY OF ARTS
OMNIBUS Motion (R. Gilmour/N. Kujundzic) that motions 3-15 be approved as noted below:

Modern Languages

3) To have the change in the course title approved as proposed.

Revised
FR 101 ~~FRENCH I~~ INTRODUCTION TO FRENCH LANGUAGE AND CULTURE

4) To have the changes to the course description of French 101 approved as proposed.

Revised
This course proposes fundamentals of French and French culture through a progressive acquisition of basic communication skills and an understanding of the practices and products of French language and Francophone cultures. This course is open only to students who have a limited background in French. The French Placement test is mandatory in order to enroll.
PREREQUISITE: French Placement Test
Refer to Modern Languages Home Page for link to placement test.
Three hours a week plus lab or online

5) To have the change in the course title approved as proposed.

Revised
102 ~~FRENCH II~~ INTRODUCTION TO FRENCH LANGUAGE AND CULTURE II

6) To have the changes to the French 102 course description approved as proposed.

Revised
This course is a continuation of French 101.
PREREQUISITE: French 101 or French Placement Test
Refer to Modern Languages Home Page for link to placement test.
Three hours a week plus lab

7) To have the change in the course title approved as proposed.

Revised
121 ~~FRENCH III~~ BASIC FRENCH I

8) To have the changes to the course description for French 121 approved as proposed.

Revised
This course is designed for students who have completed (or almost completed) the high school French core program, for those who have completed 102, or those who are placed into the course through the Placement Test. The major grammar points are studied in order to take the student from the most elementary vocabulary to an ability to function adequately in simple everyday situations. The French Placement test is mandatory in order to enroll.
PREREQUISITE: French 102 or French Placement Test
Refer to Modern Languages Home Page for link to placement test.
Three hours a week plus lab or online

9) To have the change in the course title approved as propose.

Revised
122 ~~FRENCH IV~~ BASIC FRENCH II

10) To have the changes to the course description for French 122 approved as proposed.

Revised
This course is a continuation of French 121.
PREREQUISITE: French 121 or French Placement Test Refer to Modern Languages Home Page for link to placement test.
Three hours a week plus lab

11) To have the change in the course title approved as proposed.

Revised
311 ~~ADVANCED WRITING~~ PRATIQUE DE LA COMMUNICATION EN FRANÇAIS I

12) To have the changes to the course description for French 311 approved as proposed.

Revised
This course is an upper-level grammar course designed for students who already have a good knowledge of French. It focuses on the acquisition of practical knowledge and skills to improve writing in specific contexts such as essays, activity reports, summaries, reviews etc. The course covers various types of writing and, at the same time, reviews important basics essential for proficient writing in French.
PREREQUISITE: French 222 or permission of the instructor
Three hours a week plus conversation class

13) To have the change in the course title approved as proposed.

Revised
312 ~~COMMENT LE DIRE ET L'ECRIRE? LE FRANCAIS ET SES~~ VARIETES PRATIQUE DE LA COMMUNICATION EN FRANÇAIS II

14) To have the changes to the course description for French 312 approved as proposed.

Revised
This upper-level course focuses on the development of oral and writing skills in French communication in various professional contexts such as education, health, business, university, etc.
PREREQUISITE: French 222 or permission of the instructor.
Three hours a week plus conversation class

15) To have the change in the calendar entry approved as proposed.

Revised
COURSE SEQUENCES AND RESTRICTIONS

Students may not reverse the sequence of any courses taken from French 101 to French 242, with the exception of French 209.

FACULTY OF EDUCATION
OMNIBUS Motion (R. Gilmour/G. Jiwani) that motions 16-24 be approved as noted below:

16) That a new 3-semester hour course, ED-442, Adolescent Social & Emotional Health, be created to replace ED-406 for the secondary cohort in the BEd English program.

ED-442 Adolescent Social & Emotional Health
This course will explore the topic of social emotional health of adolescent learners in the contemporary contexts of family, peers, school, work, and the media. Mental health challenges such as anxiety, depression, addiction, and the teaching of social emotional learning strategies will be emphasized. (3 credits)

17) That ED-415, "Inclusive Classroom," be renamed "The Diverse and Inclusive Classroom" and the amended course description be accepted as submitted.

Revised

415 ~~INCLUSIVE CLASSROOM~~ THE DIVERSE AND INCLUSIVE CLASSROOM
~~This course provides an overview of students with different learning abilities in the regular classroom,~~

~~and examines the evolution of services for children with particular learning needs. The course emphasizes the skills needed to ensure that the regular classroom is inclusive and that the teacher is sensitive to all needs.~~

This course explores student diversity and addressing the needs of a wide variety of learners within the context of inclusive education. Particular focus will be placed on the development of instructional strategies that support *all* learners.
Three Hours a week

18) That ED-431 "Differentiated Instruction and Inclusive Practices become a one semester hour course which will replace ED-406 as a requirement in the BEd (English) programs.

Revised

431 DIFFERENTIATED INSTRUCTION AND INCLUSIVE PRACTICES (Inclusion et differenciation pedagogique en salle de classe)

This course focuses on the design, implementation and assessment of differentiated instructional practices to simultaneously address curriculum outcomes and the significant range of student differences in ~~regular K-12~~ inclusive classrooms.
~~3 credit hours~~ 1 credit hour

19) That the course ED-413 "Multiliteracies" be renamed "Multiliteracies Across the Curriculum"

Revised

413 MULTILITERACIES ACROSS THE CURRICULUM

20) That the following changes to required courses in the Bachelor of Education (English) programs be accepted.

Revised

REQUIRED COURSES:

PRIMARY/ELEMENTARY CONCENTRATION (K -6)
INTERMEDIATE/SENIOR CONCENTRATION (7 -12)
Ed 403 The Arts and Social Transformation
Ed 404 Curriculum and Planning
Ed 405 Creating a Climate for Learning: Effective Classroom Management
~~Ed 406 Supporting Students' Social and Emotional Health~~
Ed 411 Learners and Learning
Ed 415 The Diverse and Inclusive Classroom
Ed 420 Teaching for Science, Technology, Math, and Engineering (STEM)
Ed 431 Differentiated Instruction and Inclusive Practices

Ed 449 Introduction to Indigenous Education
Ed 463 Perspectives on Culture and Society in Education
Ed 464
Educating for Global Citizenship
Ed 466 Principles and Practices of Teaching English as Another Language
Ed 482 Assessment and Evaluation
Ed 496 Inquiry and Action I
Ed 497 Inquiry and Action II
Ed 582 Assessment of Individual Learners

INTERMEDIATE/SENIOR CONCENTRATION (7-12)
Ed 413 Multiliteracies Across the Curriculum
~~Ed 415 Inclusive Classroom~~
Ed 4XX Adolescent Social and Emotional Health

21) That a new 3 semester hour course, "ED-479F, Compétences langagières en contexte éducatif-Partie 2" be created as a follow up to ED-493F.

ED-479F Compétences langagières en context éducatif-Partie 2
This course is a continuation of ED-493. Participants will continue to enhance their language skills through the same type of activities as the previous course.
3 semester hours of credit

22) That a new 2.5 semester hour course, ED-480F, be created to replace ED-485F and ED-476F in the Bed francais langue seconded) program.

ED- 480F TEACHING IN A CORE FRENCH, IMMERSION AND FRENCH FIRST LANGUAGE IN A MINORITY CONTEXT SETTING
In this course, students will examine the similarities and differences when teaching Core French, Immersion and French First language in a minority setting. This course will outline the guidelines and practices/strategies used in each of these three setting in the public school system.
2.5 semester hours of credit

23) That the course description for ED-493 be revised as submitted.

Revised

493 French language proficiency in a school setting /Les compétence langagières en contexte éducatif
~~This course will allow current and future teachers of French as an additional language to enhance their language skills and intercultural awareness. Participants will learn the importance of maintaining a high quality of French in the classroom through reflective and interactive activities. At the end of the course, participants will be able to reflect on their own language practices in the classroom, and communicate clearly and correctly in French in both written and spoken contexts.~~

~~Additionally, they will be better equipped to guide students effectively in reading, writing, and understanding a variety of texts and identify, correct, and explain common errors in learning French as an additional language.~~
~~Three semester hours taught over 2 semesters~~

This course will provide current and future teachers of French as an additional language with the opportunity to enhance their language skills. This will be accomplished through speaking, listening, reading, writing, and viewing. The course will also include a grammar component. Activities will be of a reflective, interactive, and practical nature.
3 semester hours of credit

24) That a calendar entry to modify the required courses in the BEd (français langue seconde) program be accepted.

Revised

REQUIRED COURSES:

PRIMARY/ELEMENTARY CONCENTRATION (K -6) ~~and INTERMEDIATE/SENIOR CONCENTRATION (7-12)~~

Ed 403F Intégration des arts
Ed 404F ~~(1) :~~ Planification et programmes d'études
Ed 405F ~~(1) :~~ Climat organisationnel : Gestion de classe efficace
Ed 406F ~~(1) :~~ Comprendre la santé sociale et émotionnelle chez les élèves
Ed 411 Learners and Learning
Ed 415F Inclusion en salle de classe
Ed 423 Primary/Elementary Mathematics I
Ed 428 Primary/Elementary Mathematics II
Ed 445 Sciences au Primaire
Ed 449 Introduction to Indigenous Education ~~(1)~~
Ed 454 Sciences Humaines à l`élémentaire
Ed 463F Culture et société
~~Ed 476/486 French Methods I~~
Ed 479 Compétences langagières en salle de classe – Part II
Ed 480 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting
Ed 482F Évaluation en salle de classe
~~Ed 485F Pédagogie de l'immersion: Les Prinicipes de Base~~
Ed 488F Littératie Education en Francais Partie I
Ed 489F Littératie Education en Francais Partie II
Ed 490F Integration Langue et Contenu
Ed 493F Compétences langagières en salle de classe
Ed 496F Séminaire de stage I
Ed 497F Séminaire de stage II

~~Ed 445 Primary/Elementary Science~~
~~Ed 454 Primary/Elementary Social Studies~~
~~Ed 426 Intermediate/Senior Mathematics I~~
~~Ed 420 Teaching for Science, Technology, Engineering and Math (STEM)~~
INTERMEDIATE/SENIOR CONCENTRATION (7-12)

Ed 403 Intégration des arts
Ed 404 Planification et programmes d'études
Ed 405 Climat organisationnel : Gestion de classe efficace
Ed 406F Comprendre la santé sociale et émotionnelle chez les élèves
Ed 411 Learners and Learning
Ed 415F Inclusion en salle de classe
Ed 420 Teaching for Science, Technology, Engineering and Math (STEM)
Ed 423 Primary/Elementary Mathematics I
Ed 426 Intermediate/Senior Mathematics I II or Ed 454 Sciences Humaines à l`élémentaire
Ed 428 Primary/Elementary Mathematics
Ed 449 Introduction to Indigenous Education
Ed 463 Culture et société
Ed 479 Compétences langagières en salle de classe – Part II
Ed 480 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting
Ed 482 Évaluation en salle de classe
Ed 488 Littératie Education en Francais Partie I
Ed 489 Littératie Education en Francais Partie II
Ed 490 Integration Langue et Contenu
Ed 493 Compétences langagières en salle de classe
Ed 496 Séminaire de stage I
Ed 497 Séminaire de stage II

School of Nursing

Motion (R Gilmour/C Murray) that motion 25 be approved as noted below:

Nursing

25) That the change in HOURS OF CREDIT in the course NURS 615 ADVANCED HEALTH ASSESSMENT be approved as proposed from 3 hours to 4 hours.

Revised

NURS 615 – ADVANCED HEALTH ASSESSMENT
HOURS OF CREDIT: ~~3~~ 4 hours

FACULTY OF SCIENCE

OMNIBUS Motion (R. Gilmour/K. Gottschall-Pass) that motions 26-37 be approved as noted below:

Applied Health Sciences

26) That the Integrated Dietetic Internship program admission and continuance guidelines be amended to include GPA requirements, a revised list of courses to be completed prior to application, and inclusion of Foods & Nutrition 461 (Clinical Nutrition II) as a required course.

Revised

All students majoring in Foods and Nutrition ~~students~~ who have ~~and~~ achieved a minimum cumulative GPA of 3.0 ~~grade of at least 75% in all Foods and Nutrition courses, and an overall average of 75%,~~ with no Foods and Nutrition course below a GPA of 2.7, and have completed the following courses will be eligible to apply for the program:

Foods & Nutrition 111 Introductory Foods
~~Family Science 114 Families in Contemporary Society~~
Foods & Nutrition 211~~& 212~~ Introductory Nutrition I~~& II~~
Foods & Nutrition 212 Introductory Nutrition II
Foods & Nutrition 223 Determinants of Dietary Behaviour
Foods & Nutrition 321 Food Service Management
Foods & Nutrition 331 Research Methods
Foods & Nutrition 351 Nutritional Assessment
Foods & Nutrition 383 Professional Practice in Dietetics
Chemistry 111 General Chemistry I
Chemistry 112 General Chemistry II
Chemistry 243 Organic Chemistry
Biology 122 Human Physiology
Biology 131 Introduction to Cell and Molecular Biology

Interested candidates are encouraged to consult the

~~Department Chair~~ Director of Internship early in their program to discuss admission and course scheduling. Students interested in pursuing this option are ~~also~~ encouraged to seek relevant paid or unpaid work experience in the summer preceding application. A formal application for admission to the Integrated Dietetic Internship Program is required. ~~Students are eligible to apply following the first semester of their third year of the Foods and Nutrition program.~~ Application forms are available from the department.

A selection panel will determine student admissibility based upon academic performance, paid and unpaid work experience, motivation and personal suitability. Students meeting the admission criteria will be ranked and the top candidates will be interviewed. By the first week of February, the P~~rogram~~ Professional Practice Coordinator, Dietetics will notify, in writing, all students interviewed as to the outcome of the process.

Students accepted into the dietetic internship program must show evidence of all immunizations being up to date prior entering the program. As well, each student will be required to show proof of a completed criminal record check prior to the start date.

Continuance Requirements

Once admitted to the program, students must continue in full-time enrolment between internship levels. An academic review of students' performance will take place at the end of each semester. Students are required to maintain a cumulative GPA of 3.0 with no Foods and Nutrition course below a GPA of 2.7 ~~n average overall grade of 75% and achieve a grade of no less than 75% in nutrition courses~~. Students who fail to meet these standards or who fail a required course(s) will not be permitted to begin the next internship level until standards are met.

Internship students must complete all of the regular requirements for a Bachelor of Science (Foods and Nutrition) degree. Foods and Nutrition 321 (Food Service Systems Management), ~~and~~ Foods and Nutrition 383 (Professional Practice in Dietetics), Foods and Nutrition 422 (Quantity Food Production), Foods and Nutrition 431 (Evidence Based Practice in the Health Sciences), and Foods and Nutrition 461 (Clinical Nutrition II) ~~and Foods and Nutrition 483 (Professional Practice in Dietetics)~~ must be included within their degree program. ~~It is recommended that internship students take Foods and Nutrition 371 (Lifespan Nutrition) as an elective.~~

In addition to the above requirements, students must successfully complete two internship levels.

Internship Schedule

Students must complete two internship levels in the Integrated Dietetic Internship Program. The first internship level DIET 100 is scheduled in the spring and summer months between the third and fourth academic years. The second internship level DIET 200 is completed following graduation from the degree program. The first internship level will include a one week professional practice course, followed by an eight week placement, for a total of 9 weeks. This will be followed by a second internship level of no less then 26 weeks ~~28 weeks in length~~, for a total of at least 35 ~~to 37~~ weeks.

Satisfactory fulfilment of the Integrated Dietetic Internship levels requires:

1. A satisfactory evaluation from the Preceptor at the placement site.
2. Completion of the minimum number of required competencies as indicated on the appropriate evaluation form.

Withdrawal Conditions

Students will be required to withdraw from the Integrated Dietetic Internship Program if:

i) They are dismissed from, resign, or fail to achieve the required competencies during the program, or
ii)They do not achieve a passing grade in required courses or do not maintain the standards for nutrition courses and overall ~~average~~ GPA necessary for continuance in the Integrated Dietetic Internship Program, or
iii)They fail to abide by the policies and procedures set out by the Advisory Committee for the Integrated Dietetic Internship Program and/or those of the placement organization.

Students who voluntarily withdraw from or who are required to withdraw from the Integrated Dietetic Internship Program may remain in and continue with the regular Foods and Nutrition majors program.

Registration and Fees

Students are required to register for both internship levels ~~at the Registrar's Office,~~ according to normal registration procedures. Internship levels will officially be designated on students' transcripts as pass or fail. Students pay for their internship levels as they are taken. Students accepted to the Integrated Dietetic Internship Program are required to pay an Internship Fee (see Calendar section on fees). This amount is to be paid to the Accounting Office prior to the start date for the specified internship level.

Additional information on policies and procedures related to the Integrated Dietetic Internship Program are available from the Department.

27) That the calendar entry for Graduate Dietetic Internship be amended to include a statement of accreditation, and a revised list of required courses.

Revised

Dietitians of Canada Graduate Internship
~~The Foods and Nutrition majors program is an accredited undergraduate dietetic education program~~The Foods & Nutrition program is an accredited program recognized by the Partnership for Dietetic Education and Practice (PDEP) and prepares students for eligibility to apply for a graduate internship.

To ~~be eligible to~~ apply for a position in an ~~approved~~ accredited graduate dietetic internship program, students must meet the academic requirements established by PDEP ~~of the Dietitians of Canada~~ and should have a minimum cumulative GPA of 3.0 ~~average grade of 70%~~ in their last 30 courses. In addition to the courses required for the Foods and Nutrition major, students interested in applying for a graduate dietetic internship placement must take Foods and Nutrition 321, Foods and Nutrition 383, ~~and~~ Foods and Nutrition 422, Foods and Nutrition 431, and Foods and Nutrition 461. ~~Foods and Nutrition 223 is recommended but not required.~~

Students should consult with the Director of Internship ~~Professional Practice Coordinator, Dietetics~~

for details and counselling by the end of second year.

28) That the calendar entry for the Integrated Dietetic Internship be revised to include a statement regarding accreditation status.

Revised

Integrated Dietetic Internship Program
This dietetic education program is an accredited program recognized by the Partnership for Dietetic Education and Practice (PDEP)

Students majoring in Foods and Nutrition may apply for admission to the optional Integrated Dietetic Internship Program. The integrated approach to professional training enables students to build upon and apply theoretical knowledge gained from their academic program. On successful completion of the ~~Integrated Dietetic Internship~~ Program, students will have fulfilled the competencies required to reach entry-level professional dietetic competence as determined by ~~the Partnership for Dietetic Education and Practice (~~PDEP~~)~~, and will be eligible to apply for admission to the dietetics profession.

Internship levels and their results will be recorded on students' transcript~~s~~. Upon successful completion of both the accredited degree program ~~(meeting internship requirements)~~ and the required internship levels, students will be granted a ~~U~~university certificate attesting to their successful completion of the Integrated Dietetic Internship Program

Kinesiology

29) That KINE 331 be added as a pre-requisite to the course KINE 342.

Revised

342 INTRODUCTION TO PHYSICAL ACTIVITY AND CHRONIC DISEASE EPIDEMIOLOGY
PREREQUISITE: Kinesiology 221, Kinesiology 331

Biology

30) That the prerequisite for BIO 206, Microbiology, be modified to allow students in the Paramedicine program to register after they take BIO 131 only, to be consistent with Bachelor of Wildlife Conservation and Foods & Nutrition programs.

Revised

***206 MICROBIOLOGY**
PREREQUISITE: A combined average of at least 60% in Biology 131-132 or permission of the instructor. Students registered in the Bachelor of Wildlife Conservation Program, Bachelor of Paramedicine Program, or students majoring in Foods & Nutrition may take this course after completion of Biology 131.

31) That the prerequisite for BIO 221, Cell Biology, be modified to allow students in Wildlife Conservation, Paramedicine, and Foods & Nutrition to register after they take BIO 131 only.

Revised

221 CELL BIOLOGY
PREREQUISITE: A combined average of at least 60% in Biology 131-132 or permission of the instructor. Students registered in the Bachelor of Wildlife Conservation Program, Bachelor of Paramedicine Program or students majoring in Foods & Nutrition may take this course after completion of Biology 131.

32) That BIO 224, Human Genetics, be cross-listed with BIO 223, Genetics I, with a corresponding modifications to the course descriptions of each and the addition of a Human Genetics-based tutorial to BIO 224.

Revised

223 GENETICS I
The principles of genetics are considered in ~~the context of the molecular biology of the gene, with attention to factors affecting gene expression~~ a broad perspective. Topics ~~covered are simple Mendelian inheritance, genes as part of biochemical pathways, inheritance of linked genes, probability and statistics, DNA replication and mutation, chromosomal structure and behaviour, and recombinant DNA.~~ include chromosome structure and behaviour, molecular biology and biochemistry of genes, DNA inheritance, recombination, replication and mutation, Mendelian inheritance, and inheritance of linked genes. There is a strong emphasis on problem solving, probability and statistics in tutorials.
PREREQUISITE: A combined average of at least 60% in Biology 131-132
Three hours lecture, one hour tutorial a week
NOTES: Biology majors and minors are expected to take BIO 223. Students will not get credit for both BIO 223 and BIO 224

224 HUMAN GENETICS
The principles of genetics are considered in a broad perspective. Topics include chromosome~~s~~ structure and behaviour, molecular biology and biochemistry of genes, DNA replication and mutation, recombinant DNA, Mendelian inheritance, and inheritance of linked genes. ~~covered at different levels of organization (from genome to organism and population), with special~~ There is a strong emphasis on human~~s~~ genetics in tutorials.
PREREQUISITE: Biology 131
Three hours lecture, one hour tutorial a week
NOTES: Paramedicine majors are expected to take BIO 224. Students will not get credit for both BIO 223 and BIO 224

33) That the entry requirements and calendar entry of Paramedicine be modified to clarify that students with equivalent academic backgrounds may be considered for admittance to the

program.

Revised

This is an articulated BSc. degree and requires that students graduate from Holland College with diplomas in Basic Paramedicine (two years; PCP) or Advanced Paramedicine (three years; ACP). Students from another ~~CMA-accredited program or~~ public institution with equivalent academic requirements ~~who have taken a minimum of two years~~ to get their Diploma in Paramedicine may also be eligible to enrol in the BSc. in Paramedicine program at UPEI. All applicants must achieve a minimum grade of 70% in their diploma program to be eligible to apply to the degree program.

Chemistry

34) That the math elective for 3rd Year Chemistry Majors be deleted and replaced with a general elective.

Revised

Third Year

~~Mathematics elective (3 semester hours)~~

Electives (~~12~~ 15 semester hours)

35) That the option be added to the Chemistry Minor to allow for the replacement of one currently required course with the permission of the Chair.

Revised

Students may obtain a degree with a minor in Chemistry by successfully completing the following courses: Chemistry 111-112, Chemistry 221, Chemistry 231, Chemistry 241-242 or Chemistry 243, Chemistry 202, and Chemistry 272.

With permission of the chair, one of the above courses may be replaced with one of the Chemistry 322, 331, 342, 361 or 374.

Environmental Studies

36) To remove the requirement to choose electives from an approved list and replace with Science and/or Business electives

Revised

4 Foundational Courses from ~~approved List of~~ Science and Business ~~courses~~ that fit the following criteria = 12 Hours Credit (*Please note that these courses are required in addition to the other requirements for the BES*)

- 2 Science
- 2 Science or Business

4 Foundational Courses from ~~approved~~ List of Arts ~~courses~~ that fit the following criteria = 12 Hours Credit (*Please note that these courses are required in addition to the other requirements for the BES*)

- It is recommended that students take 1 Political Science or Economics
- ~~1 English or History~~
- ~~2 Arts~~ 3 Arts

~~APPROVED~~ RECOMMENDED COURSES TAB RECOMMENDED ~~APPROVED~~ LIST OF SCIENCE, BUSINESS, AND ARTS COURSES for the BES

37) That the prerequisites for ENV 401 be changed from ENV 101 or 201 and replaced with ENV 301.

Revised
ENV 401 PUBLIC SCHOLARS ON ENVIRONMENTAL ISSUES
PREREQUISITE: ~~ENV 101 OR ENV 203~~ ENV 301 or permission of the instructor

FACULTY OF SCIENCE
OMNIBUS Motion (R. Gilmour/K. Gottschall-Pass) that motions 38-58 be approved as noted below:

Mathematical and Computational Sciences

38) That Math 185 be deleted.

39) That CS151 be deleted.

40) That CS152 be deleted.

41) That a new course entitled Computer Science 191 - Computer Science I be approved as proposed.

COMPUTER SCIENCE 191 – COMPUTER SCIENCE I
This course is an introduction to computer programming and is designed for both Computer Science majors and non-majors. Emphasis is on problem solving and software development using a modern high level object-oriented language. Topics include: the programming process; language syntax and semantics; data types; expressions; input and output; conditionals; loops; arrays; functions/methods and text files. The course follows an "objects late" strategy, deferring in-depth discussion of object-oriented concepts to Computer Science 192.
Cross-Listing: None
Prerequisite/Co-Requisite: Grade XII academic Mathematics
Credit: 3
Notation: Three lecture hours and 1.5 hours lab per week

42) That a new course entitled Computer Science 192 - Computer Science II be approved as proposed.

COMPUTER SCIENCE 192 – COMPUTER SCIENCE II
This course continues the development of object-oriented programming. Topics include class design; inheritance; interfaces and polymorphism; collection classes; searching and sorting; recursion; exception handling; the Model-View-Controller pattern; and graphical user interfaces.
Cross-Listing: None
Prerequisite/Co-Requisite: Computer Science 191
Credit: 3
Notation: Three lecture hours and 1.5 hours lab per week

43) That a new course entitled Computer Science 291 - Computer Science III be approved as proposed.

COMPUTER SCIENCE 291 – COMPUTER SCIENCE III
This is the third course in the Computer Science programming sequence. It covers more advanced programming concepts in an object oriented language. It also serves as an introduction to data structures and software engineering. Topics included: the programming tool chain; threads; class generics; lists, stacks, queues and binary trees; streams and binary I/O, object serialization, networking (sockets and web interface); introduction to software engineering; relational database connectivity; and XML parsing.
Cross-Listing: None
Prerequisite/Co-requisite: Computer Science 192 and six hours of mathematics
Credit: 3
Notation: Three lecture hours and 1.5 hours lab per week

44) That the course number and prerequisites for the course currently entitled Computer Science 261 – Data Structures and Algorithms be approved as proposed.

Revised

~~261~~ 292 DATA STRUCTURES AND ALGORITHMS
PREREQUISITE: ~~CS 152~~ CS291 and six semester hours of Mathematics
Three lecture hours per week

45) That the addition of a two hour lab to AMS 216 be approved as proposed.

Revised

216 MATHEMATICS OF FINANCE
Three lecture hours plus a two hour lab per week

46) That the addition of a two hour lab to AMS 240 be approved as proposed.

Revised

240 FINANCIAL MATHEMATICS & INVESTMENTS
Three lecture hours plus a two hour lab per week

47) That the addition of a two hour lab per week to AMS241 be approved as proposed.

Revised

241 FINANCIAL ECONOMICS I
Three lecture hours plus a two hour lab per week

48) That the addition of a 2 hour lab to AMS251 be approved as proposed.

Revised

251 ACTUARIAL SCIENCE I
Three lecture hours plus a two hour lab per week

49) That the addition of a 2 hour lab to AMS341 be approved as proposed.

Revised

341 FINANCIAL ECONOMICS II
Three lecture hours plus a two hour lab per week

50) That the addition of a 2 hour lab to AMS351 be approved as proposed.

Revised

351 ACTUARIAL SCIENCE II
Three lecture hours plus a two hour lab per week

51) That the addition of a 1 hour tutorial to Math 191 and Math 192 be approved as proposed.

Revised

191 SINGLE VARIABLE CALCULUS I
Four lecture hours and one tutorial hour per week

192 SINGLE VARIABLE CALCULUS II
Four lecture hours and one tutorial hour per week

52) That the name of MCS 201 be changed from MAPLE LAB IN MATHEMATICS to MAPLE TECHNOLOGY LAB be approved as proposed.

Revised

201 MAPLE ~~LAB IN MATHEMATICS~~ TECHNOLOGY LAB

53) That the text in the calendar referencing the transition from Math 151,152,251,252,253 to Math 191,192,291 be deleted.

54) That the Major in Analytics (Specialization in Business Analytics) be revised as follows to reflect the change in introductory CS courses.

Revised:

	Credits
The Common Core	23
MATH 291 - Multivariable and Vector Calculus	4
STAT 222 - Introductory Statistics II	3
MATH 262 - Linear Algebra II	3
MATH 272 - Mathematical Reasoning	3
At least one of: MCS 201 - MAPLE Technology Lab MCS 202 - Matlab Technology Lab OR MCS 203 - R Technology Lab	1
MATH 242 - Combinatorics I	3
MATH 343 - Combinatorics II	3
AMS 294 - Optimization	3
AMS 377 - Combinatorial Optimization	3
AMS 391 - Mathematical Modelling	3
MATH 301 - Differential Equations	3
STAT 321 - Probability and Mathematical Statistics I	3
STAT 322 - Probability and Mathematical Statistics II	3
STAT 324 - Applied Regression Analysis	3
STAT 466 - Data Visualization and Mining	3
~~Three~~ Two electives in the Mathematical and Computational Sciences (at the 300 level or higher)	~~9~~ 6
CS ~~261~~ - 292 Data Structures and Algorithms	3
CS 291 – Computer Science III	3
CS 371 - Database Systems	3
ACCT 101 - Introduction to Financial Accounting	3
BUS 141 - Marketing	3
BUS 171 - Organizational Behaviour	3
At least five of:	15

ACCT 221 - Managerial Accounting BUS 265 - Introduction to Entrepreneurship BUS 288 - Research and Evidence-Based Management BUS 272 - Human Resource Management BUS 301 - Business Law BUS 333 - Integrated Cases in Corporate Finance BUS 351 - Operations Management BUS 371 - Entrepreneurship and New Ventures BUS 465 - Project Management OR BUS 488 - Developing Management Skills	
MCS 305 - Tutoring in Mathematical and Computational Sciences	1
MCS 421 - Professional Communication and Practice	3
Additional general electives	10
Total Semester Hours of Credit	**120**

55) That the Major in Analytics (Specialization in Data Analytics) be revised as follows to reflect the change in introductory CS courses.

Revised

	Credits
The Common Core	23
MATH 291 - Multivariable and Vector Calculus	4
STAT 222 - Introductory Statistics II	3
MATH 262 - Linear Algebra II	3
MATH 272 - Mathematical Reasoning	3
At least one of: MCS 201 - MAPLE Technology Lab MCS 202 - Matlab Technology Lab OR MCS 203 - R Technology Lab	1
MATH 242 - Combinatorics I	3
MATH 343 - Combinatorics II	3
AMS 294 - Optimization	3
AMS 377 - Combinatorial Optimization	3
AMS 391 - Mathematical Modelling	3
MATH 301 - Differential Equations	3
MATH 361 - Group Theory	3
STAT 321 - Probability and Mathematical Statistics I	3
STAT 322 - Probability and Mathematical Statistics II	3
STAT 324 - Applied Regression Analysis	3
STAT 455 - Data Analysis and Inference	3
STAT 466 - Data Visualization and Mining	3
CS ~~261~~ - 292 Data Structures and Algorithms	3
CS 291 – Computer Science III	3
CS 371 - Database Systems	3
CS 361 - Analysis and Design of Algorithms	3
CS 412 - Machine Learning	3
CS 444 - Data Science	3
~~Three~~ Two electives in Mathematical or Computational Sciences (at the 200 level or higher)	~~9~~ 6
MCS 305 - Tutoring in Mathematical and Computational Sciences	1
MCS 421 - Professional Communication and Practice	3
Additional general electives	19
Total Semester Hours of Credit	**120**

56) That the Major in Computer Science be revised as follows to reflect the change in introductory CS courses.

Revised

	Credits
The Common Core	23
CS 161 - Digital Systems	3
CS 291 – Computer Science III	3
CS 252 - Computer Organization and Architecture	3
CS ~~261~~ - 292 Data Structures and Algorithms	3
CS 262 - Comparative Programming Languages	3
CS 282 - Programming Practices	3
MATH 242 - Combinatorics I	3
MCS 332 - Theory of Computing	3
CS 342 - Computer Communications	3
CS 352 - Operating Systems	3
CS 361 - Analysis and Design of Algorithms	3
CS 362 - Software Design and Architecture	3
CS 371 - Database Systems	3
CS 481 - Software Engineering	3
One of: CS 482 - Software Systems Development Project or CS 484 - Prototype Systems Development	3
Two One electives in Mathematical and Computational Sciences (at the 200 level or higher)	~~6~~ 3
MCS 305 - Tutoring in Mathematical and Computational Sciences	1
MCS 421 - Professional Communication and Practice	3
Additional general electives: if CS 482 taken	45
or if CS 484 taken	42
Total Semester Hours of Credit	**120**

57) That the Honours in Computer Science be revised as follows to reflect the change in introductory CS courses.

Revised

	Credits
The Common Core	23
CS 161 - Digital Systems	3
At least one of: CS 212 - Mobile Device Development – iOS OR CS 213 - Mobile Device Development – Android	
CS 252 - Computer Organization and Architecture	3
CS 291 – Computer Science III	3
CS ~~261~~ - 292 Data Structures and Algorithms	3
CS 262 - Comparative Programming Languages	3
CS 282 - Programming Practices	3
MATH 242 - Combinatorics I	3
CS 311 - Video Game Design	3
MCS 332 - Theory of Computing	3
CS 342 - Computer Communications	3
CS 352 - Operating Systems	3
CS 361 - Analysis and Design of Algorithms	3
CS 362 - Software Design and Architecture	3
CS 371 - Database Systems	3
CS 435 - Computer Graphics Programming	3
CS 436 - Advanced Computer Graphics Programming	3
At least two of: CS 406 - Cloud Computing CS 412 - Machine Learning CS 444 - Data Science OR CS 461 - Wireless Sensor Networks	6
CS 465 - Video Game Architecture	3
CS 481 - Software Engineering	3
CS 483 - Video Game Programming Project	6
~~Two~~ One electives in the Mathematical and Computational Sciences (at the	~~6~~ 3

200 level or higher)	
MCS 305 - Tutoring in Mathematical and Computational Sciences	1
MCS 421 - Professional Communication and Practice	3
Additional general electives	21
Total Semester Hours of Credit	**120**

58) That the Major in Computer Science (Specialization in Video Game Programming) be revised as follows to reflect the change in introductory CS courses.

Revised

	Credits
The Common Core	23
CS 161 - Digital Systems	3
At least one of: CS 212 - Mobile Device Development – iOS OR CS 213 - Mobile Device Development – Android	
CS 252 - Computer Organization and Architecture	3
CS 291 – Computer Science III	3
CS ~~261~~ - 292 Data Structures and Algorithms	3
CS 262 - Comparative Programming Languages	3
CS 282 - Programming Practices	3
MATH 242 - Combinatorics I	3
CS 311 - Video Game Design	3
MCS 332 - Theory of Computing	3
CS 342 - Computer Communications	3
CS 352 - Operating Systems	3
CS 361 - Analysis and Design of Algorithms	3
CS 362 - Software Design and Architecture	3
CS 371 - Database Systems	3
CS 435 - Computer Graphics Programming	3
CS 436 - Advanced Computer Graphics Programming	3
At least two of: CS 406 - Cloud Computing	6

CS 412 - Machine Learning CS 444 - Data Science OR CS 461 - Wireless Sensor Networks	
CS 465 - Video Game Architecture	3
CS 481 - Software Engineering	3
CS 483 - Video Game Programming Project	6
~~Two~~ <u>One</u> electives~~s~~ in the Mathematical and Computational Sciences (at the 200 level or higher)	~~6~~ <u>3</u>
MCS 305 - Tutoring in Mathematical and Computational Sciences	1
MCS 421 - Professional Communication and Practice	3
Additional general electives	21
Total Semester Hours of Credit	**120**

OMNIBUS Motion (R. Gilmour/K. Gottschall-Pass) that motions 59-75 be approved as noted below:

<u>School of Sustainable Design Engineering</u>

59)That ENGN 347 (Renewable Energy Power Systems) be deleted from the Academic Calendar.

60) That ENGN 338 (Real-Time Embedded Systems) be approved as presented.

ENGN 338 REAL-TIME EMBEDDED SYSTEMS
This course will provide students with an overview of how different hardware components are inter-connected and how embedded systems are programmed. Students will learn how to determine the functions of given function units, and construct small scale logic circuits based on their functional specifications. Students will also learn to explain the stages involved in decoding and executing instructions, to illustrate basic concepts of interfacing to external devices, and to compare different set architectures. Students will study how to do programming for real-time embedded systems.
PREREQUISITES: Engineering 334
Credit: 3
Three hours of lecture and three hours of lab per week

61) That ENGN 345 (Wind and Water Power) be approved as presented.

ENGN 345 WIND AND WATER POWER
This course explores the engineering of wind- and water-based renewable energy conversion technologies such as wind turbines, tidal turbines, wave energy converters, and hydroelectric dams. Students will develop an understanding of the current state of technology and gain an appreciation for related issues of resource assessment, stakeholder engagement, and environmental impact. The underlying fluid mechanics principles will be emphasized to appreciate device operating principles and performance drivers. The challenge of satisfying energy demand with intermittent supply will be reviewed to further contextualize the different resource potentials, and related fluid-based storage

technologies will be discussed.
PREREQUISITES: Engineering 344
Credit: 3
Three hours of lecture and three hours of lab per week

62) That ENGN 346 (Solar Energy and Electricity Storage) be approved as presented.

ENGN 346 SOLAR ENERGY AND ELECTRICITY STORAGE
This course covers the fundamentals of solar power generation and associated energy storage systems. Course emphasis surrounds the electrical nature of solar photovoltaic energy generation associated energy/power conversion and storage systems. Students will develop a technical understanding of the underlying core technologies as well as how the technologies are productized. Topics covered may include: Solar photovoltaic (PV) generation, electric power converters for solar PV, battery storage technology, off-grid solar power conversion systems and small solar home systems. Lab projects may consist of studying various scales of PV power products and technologies.
PREREQUISITES: Engineering 344
Credit: 3
Three hours of lecture and three hours of lab per week

63) That ENGN 358 (Soil Mechanics) be approved as presented.

ENGN 358 SOIL MECHANICS
This course explores the fundamentals of soil mechanics and their applications in engineering practice. Students will develop an understanding about the physical properties of soils, and will examine the behavior of soil masses subjected to various forces. The list of topics to be covered in this course include: soil composition and texture, physical properties of soils, classification of soils, permeability and seepage, consolidation, settlement, shear strength, vertical stresses in soils, soil exploration, bearing capacity and slope stability of soils.
PREREQUISITES: Engineering 354
Credit: 3
3 hours of lecture and 3 hours of lab per week

64) That ENGN 432 (Control System Design) be approved as presented.

ENGN 432 CONTROL SYSTEM DESIGN
This course will provide students with an overview of system modelling and control methodologies of single/multiple input/output systems, e.g., energy transport control, reactor control, heat exchanger control, power production, and mechatronic systems. Students will learn classical control methods e.g., feedforward, feedbacks, cascade, decoupling to modern control methods, LQR, predictive control, optimal and robust control. Students will be equipped with knowledge and skills for analyzing stability, controllability and observability of state-space representation modelled systems.
PREREQUISITES: Engineering 334 and Engineering 382
Credit: 3
Three hours of lecture and three hours of lab per week

65) That ENGN 437 (Fluid Power Control) be approved as presented.

ENGN 437 FLUID POWER CONTROL
This course covers the analysis and design of basic hydraulic and pneumatic circuits and systems. Topics include a review of the fundamentals of fluid mechanics including flow through valves, fittings, and pipe; classification of hydrostatic pumps and motors; control valves; hydraulic accumulators; sizing of practical hydraulic circuits; thermal and energy considerations; electrohydraulic control and modeling of hydraulic control systems. The latter part of the course focuses on pneumatic systems including pneumatic cylinders and motors, control valves, and compressor technology. The application of Programmable Logic Controls (PLCs) to industrial automation and the sequential control of pneumatic actuators is also addressed.
PREREQUISITES: Engineering 334 and Engineering 382
Credit: 3
Three hours of lecture and three hours of lab per week

66) That ENGN 441 (Macro Energy Systems) be approved as presented.

ENGN 441 MACRO ENERGY SYSTEMS
This course covers methods for analyzing energy supply, conversion processes, and end-use at the system level. Aspects considered include the dynamics of energy supply and demand, efficiencies of energy conversion, characteristics of energy currencies, and energy needs across different sectors. Students will characterize methods of delivering energy services such as heat, light, industrial power and transportation. Energy analysis will be introduced and used to build a quantitative framework for integrating techno-economic analysis of energy system components, with emphasis on elements such as fossil fuels and nuclear power. Students will gain an enhanced, quantitative appreciation for the sustainability, emissions, cost and energy intensity aspects of energy services delivery.
PREREQUISITES: Engineering 344
Credit: 3
Three hours of lecture and three hours of lab per week

67) That ENGN 444 (Advanced Energy Storage) be approved as presented.

ENGN 444 ADVANCED ENERGY STORAGE
This course considers advanced technical analysis of energy storage systems. A comprehensive overview of all industrially relevant energy storage systems is reviewed and emphasis is placed on promising energy storage technologies of the future. Chemical, thermal and kinetic storage technologies will be discussed in detail.
PREREQUISITES: Engineering 344
Credit: 3
Three hours of lecture and three hours of lab per week

68) That ENGN 445 (Fluid Loads on Energy Structures) be approved as presented.

ENGN 445 FLUID LOADS ON ENERGY STRUCTURES
This course is an introduction to the loads applied on structures from wind, waves, and currents, and their heightened relevance to structures designed for energy conversion. Phenomena to be discussed include lift and drag, boundary layers, vortex-induced vibrations, wakes, hydrostatic loading, and water waves. A selection of engineering methods will be introduced and brought to bear on these topics, such as potential flow theory, blade-element theory, Airy wave theory and Morison's equation. Dimensional analysis will be introduced to characterize flow problems. Design implications will be discussed for a selection of relevant energy conversion structures such as aircraft wings, wind turbines, breakwaters, marine vessels, and offshore energy platforms.
PREPREQUISITES: Engineering 344
Credit: 3
3 hours of lecture and 3 hours of lab per week

69) That ENGN 447 (Micro Grids) be approved as presented.

ENGN 447 MICRO GRIDS
This course focuses on the concept, operation and optimization of renewable-energy-based micro-grids. Concepts introduced and considered include renewable energy resources, integration technologies, grid-connected operation, islanded grid operation, energy storage integration and the optimal dimensioning and mixing of multiple energy sources where some are stochastic in nature and some are dispatchable. Existing and future energy storage technologies will be also be discussed. This course is based on energy flow analysis and makes extensive use of software simulation tools. Students will develop a framework for performing techno-economic assessments of micro-grid architectures and designs. A strong background in electrical power systems is not necessarily required.
PREREQUISITES: Engineering 344
Credit: 3
Three hours of lecture and three hours of lab per week

70) That ENGN 451 (Geoinformatics in Bioresources) be approved as presented.

ENGN 451 GEOINFORMATICS IN BIOREOURCES
This course covers the theory and practice of geoinformatics and their applications to problems in bioresources using digital mapping and spatial analysis. Hands on laboratories will provide students with an experience to collect georeferenced data using differential global positioning system, followed by mapping and analysis in geographical information system. Topics include datums, map projections and transformations, vector and raster data, geo-spatial analysis, geo-statistics and interpolation techniques. This course will also cover the fundamentals of remote sensing, data collection with sensors, and spatial and temporal aspects of the bio-resources attributes.
PREREQUISITES: Engineering 354
Credit: 3
Three hours of lecture and three hours of lab per week

71) That ENGN 453 (Fundamentals of Agricultural Machinery) be approved as presented.

ENGN 453 FUNDAMENTALS OF AGRICULTURAL MACHINERY
This course highlights the fundamentals of mechanized agriculture machinery from soil preparation, planting, and crop management to mechanical harvesting. The machines and their unit operation are analyzed with respect functions, work rates, material flow and power usage. The machine performance relating to work quality and environmental effects will also be evaluated. The labs will emphasize on safety, basic maintenance, adjustment, calibrations of equipment and performance testing. This course also covers the variable rate applicators for site-specific application of inputs, auto guidance system, data acquisition and management for intelligent decision making for machines, and precision agriculture technologies.
PREREQUISITES: Engineering 354
Credit: 3
Three hours of lecture and three hours of lab per week

72) That the course description change for ENGN 344 (Introduction to Sustainable Energy Engineering) be approved as presented.

Revised

ENGN 344 – Introduction to Sustainable Energy Engineering
This introductory course considers current and promising future energy systems. Topics introduced include available resources, ~~extraction requirements,~~ energy conversion technologies and end use applications and technologies. An emphasis is placed ~~on~~ meeting understanding the needs of a future of global energy supply and its associated challenges. Students will develop a technical and analytical framework with which they can evaluate energy supply alternatives in the context of political, economic, environmental and social goals. Life cycle analysis is also considered. Topics introduced in this course may be covered in greater depth in other sustainable energy focus area electives.

73) That the course calendar description for ENGN 349 (Energy Conversion) be changed and approved as presented.

Revised

ENGN 349 (ENERGY CONVERSION)
This course covers fundamentals of thermodynamics, chemistry, flow and transport processes as applied to energy systems. Topics include analysis of energy conversion in thermochemical and thermomechanical, ~~thermochemical, electrochemical, and photoelectric~~ processes as seen in existing ~~and future~~ power and transportation systems, and ways these processes may be improved in the future. ~~with emphasis on efficiency, environmental impact and performance.~~ Systems utilizing fossil fuels, biofuels, hydrogen, and other chemical energy sources ~~nuclear and renewable resources,~~ over a range of sizes and scales are discussed. Applications include fuel reforming, hydrogen and synthetic fuel production, combustion, thermal power cycles, fuel cells ~~and batteries,~~

~~combustion, hybrids,~~ and catalysis~~.~~, ~~supercritical and combined cycles, photovoltaics, etc.~~ The course also deals with combustion emissions and environmental impacts, ~~different forms of energy storage and transmission, and~~ optimal source utilization and fuel-life cycle analysis.

74) That the course number for ENGN 359 (Chemical and Biological Processes) be changed to ENGN 455 (Chemical and Biological Processes).

Revised

ENGN 455 (formerly) CHEMICAL AND BIOLOGICAL PROCESSES

75) That the course title for ENGN 349 (Energy Conversion) be changed to ENGN 349 (Chemical Energy Conversion).

Revised

ENGN 349 CHEMICAL ENERGY CONVERSION

OMNIBUS Motion (R. Gilmour/T. Mady) that motions 76-86 be approved as noted below:

MSc Degree in Sustainable Design Engineering

76) To approve the thesis course SDE 800 for the graduate program.

SDE 800 Thesis
Description: Registration of Thesis
Prerequisite/Co-Requisite: Admission to the School of Sustainable Design Engineering
Credit: 0
Notation: No credit, but registration required

77) To approve the seminar course SDE 890 for the graduate program.

SDE 890 SEMINAR
In this course students attend seminars on current topics in their research area of Sustainable Design Engineering and are expected to be seminar presenters. Techniques in preparing scientific communication (oral presentations and poster displays) are also covered.
Prerequisite/Co-Requisite: Admission to the School of Sustainable Design Engineering
Credit: 3

78) To approve the directed-studies course SDE 881 for the new graduate program.

SDE 881 DIRECTED STUDIES IN SUSTAINABLE DEISNG ENGINEERING
Under the supervision of a faculty member, a graduate student independently pursues an area of interest in depth. The course includes an extensive literature review of the specific discipline,

directed research on the topic, or collection and analysis of data. The student may be required to present a written report and/or present a seminar in the area. Topics must not be a part of the student's thesis research although they may be in a complementary area. Course outlines must be approved by the supervisory committee, the department Chair, and the Dean of Science.
Prerequisite/Co-Requisite: Admission to the graduate program in School of Sustainable Design Engineering and permission of supervisor
Credit: 3

79) To approve the graduate course SDE 802 Quality Control and Project Management for the Master of Science in Sustainable Design Engineering.

SDE 802 QUALITY CONTROL AND PROJECT MANAGEMENT
This course is an introduction to the most widely accepted project management practices in the workforce today. The student will learn the industrially accepted techniques associated with the management of time, cost, risk, and scope in order to achieve total project stakeholder satisfaction. The goal in this course is to prepare students with the most efficient and effective project management practices by applying these techniques to their graduate research work, and in so doing greatly increase their likelihood of managing successful projects during their careers.
Prerequisite/Co-Requisite: Admission to the School of Sustainable Design Engineering
Credit: 3

80) To approve the new graduate course SDE 804 for the graduate program.

SDE 804 DESIGN OF EXPERIMENTS
This course focuses on the design, implementation, and analysis of engineering, scientific, and computer-based experiments. The course will examine the proper and scientific approach to experimentation, modeling, simulation, and analysis of data. Various designs are discussed and their respective advantages and disadvantages are noted. Factorial designs and sensitivity analysis will be studied in detail because of its relevance to various industries. Use of software for designing and analyzing experiments will also be used. For experiments that involved mainly physical quantities and natural phenomena, techniques of dimensional analysis will also be introduced.
Prerequisite/Co-Requisite: Admission to the School of Sustainable Design Engineering
Credit: 3

81) To approve the new graduate course SDE 806 Modeling, Control, and Design of Energy Systems for the new graduate program.

SDE 806 MODELING, CONTROL, AND DESIGN OF ENGERGY SYSTEMS
This course focuses on the understanding of the physical processes underlying the energy conversion process from wind and solar energy. Students will have an advanced knowledge of aerodynamics and structural dynamics, and they will understand the main strategies used for controlling these machines over their complete operating range. A specific goal of the course is to provide students with a multidisciplinary vision on the physics of energy systems, and an

understanding of the methods used for their modeling and simulation. A particular emphasis will be placed on design, and on the effects of design choices on the cost of energy.
Prerequisite/Co-Requisite: Admission to the graduate program in School of Sustainable Design Engineering and permission of supervisor
Credit: 3

82) To approve the new graduate course SDE 808 Industrial Machine Vision for the new graduate program.

SDE 808 INDUSTRIAL MACHINE VISION
This course focuses on computer vision with an emphasis on techniques for automated inspection, object recognition, mechanical metrology, and robotics. Image processing courses typically focus for image enhancement, restoration, filtering, smoothing, etc. These topics will be covered to a certain degree but the main focus will be on image segmentation, feature extraction, morphological operators, recognition and photogrammetry. Issues related to the efficient software implementation of these techniques for real-time applications will also be addressed.
Prerequisite/Co-Requisite: Admission to the graduate program in School of Sustainable Design Engineering and permission of supervisor
Credit: 3

83) To approve the new graduate course SDE 810 Biofuel and Biomass Technology to the new graduate program.

SDE 810 BIOFUEL AND BIOMASS TECHNOLOGY
This course focuses on advanced concepts in understanding biofuels and bioenergy systems, renewable feedstocks, their production, availability and attributes for biofuel/bioenergy production, types of biomass derived fuels and energy, thermochemical conversion of biomass to heat, power and fuel, biochemical conversion of biomass to fuel environmental aspects of biofuel production, economics and life-cycle analysis of biofuel, and value adding of biofuel residues. Students will analyze, as well as prepare, case studies on biofuel production.
Prerequisite/Co-Requisite: Admission to the graduate program in School of Sustainable Design Engineering and permission of supervisor
Credit: 3

84) That ENGN 423 (Technology Management & Entrepreneurship) be cross-listed as a graduate level course SDE 823 (Technology Management & Entrepreneurship).

SDE 823 TECHNOLOGY MANAGEMENT & ENTREPRENEURSHIP
This course provides an overview on how to start and sustain a technology-oriented company. Topics discussed will include the role of technology in society, intellectual property, patents, business plans, financial planning, sources of capital, business structure, liability, tax implications, sales, marketing, operational and human resource management. This course will be taught using problem-based and experiential learning strategies with involvement from real life entrepreneurs as motivators and facilitators. Graduate-level project will be defined.

Cross-listed with ENGN-423

85) To add the new disciplinary area of Sustainable Design Engineering to the current calendar entry of the Master of Science program in the Faculty of Science, and its associated Thesis, Seminar and Directed-Studies course numbers and descriptions.

Faculty of Science MSc Program
The graduate students will register in one of the designated areas of specialization listed below:

Molecular and Macromolecular Sciences (MMS)
Environmental Sciences (ESC)
Human Biology (HB)
Sustainable Design Engineering (SDE)

Students are required to take a minimum of three graduate level courses, all of which are to be regarded as substantive. A Seminar course (MMS 890 or ESC 890 or HB 890 or SDE 890) is required. Students may take only one Directed Studies course (MMS 881 or ESC 881 or HB 881 or SDE 881, or alternatively, VBS 881 or 882, VPM 881 or 882, VCA 881 or 882, VHM 881 or 882) for credit. Students lacking an Honours degree or background in one or more area may, at the discretion of the Supervisory Committee, be required to take the appropriate undergraduate level course(s), in addition to the required courses. All graduate students must receive non-credit WHMIS (Workplace Hazardous Materials Information System) training in their first year.

86) That Bachelor of Engineering (BEng) be added to the minimum requirements for admission to graduate studies.

Revised

The minimum requirement for admission to graduate studies in the Faculties of Science and Veterinary Medicine is a Doctor of Veterinary Medicine (DVM) degree, or equivalent; or a Bachelor of Science (BSc) degree, ~~or equivalent,~~ or Bachelor of Engineering (BEng) degree, or equivalent, normally of four years' duration, in an honours or majors program or equivalent from a recognized university or college, the applicant having achieved an average of at least second class ('B', i.e. 70% to 79.9%) standing in the work of the last four semesters or the last two undergraduate years.

FACULTY OF VETERINARY MEDICINE

OMNIBUS MOTION (R. Gilmour/G. Keefe) that motions 87-103 be approved as noted below:

Biomedical Sciences

87) That the new course, VBS 103, Animal Behaviour and Welfare, be approved as proposed.

VBS 103 – ANIMAL BEHAVIOUR AND WELFARE

This course introduces fundamental principles of animal behaviour and presents an overview of animal welfare concepts relevant to the practice of veterinary medicine.
PREREQUISITE: First year standing in the DVM program
Credit: 2
Two hours of lecture per week

88) That the new course, VBS 104, Principles of Veterinary Research, be approved as proposed.

VBS 104 – PRINCIPLES OF VETERINARY RESEARCH
This course presents fundamental principles of research methodology for biomedical and clinical applications in veterinary medicine including hypothesis testing and scientific approach, experimental design, dissemination of scientific results, intellectual property and research ethics.
PREREQUISITE: First year standing in the DVM program
Credit: 1
One hour of lecture per week

89) That the new course, VBS 105, Professional Foundations I, be approved as proposed.

VBS 105 – PROFESSIONAL FOUNDATIONS I
This course introduces essential concepts that form the foundation of a veterinarian's professional life including development of a professional identity, the roles veterinarians play in society, and development of essential skills. These skills include reflective practice, self-awareness, communication, cultural competence, resilience, and well-being. Current trends in the veterinary profession are also addressed. This course is graded pass/fail.
PREREQUISITE: First year standing in the DVM program
Credit: 2
One hour of lecture and two hours of tutorial per week

90) That the new course, VBS 213, Veterinary Pharmacology I, be approved as proposed.

VBS 213 – VETERINARY PHARMACOLOGY I
This course introduces basic principles of veterinary pharmacology. Drugs are presented using a systems-based approach and opportunities are provided to apply knowledge in clinical veterinary contexts.
PREREQUISITE: Second year standing in the DVM program
Credit: 3
Three hours of lecture and one hour of tutorial per week

91) That the new course, VBS 214, Veterinary Pharmacology II, be approved as proposed.

VBS 214 – VETERINARY PHARMACOLOGY II
This course continues the presentation of drugs using a systems-based approach and provides opportunities to apply knowledge in clinical veterinary contexts.
PREREQUISITE: Second year standing in the DVM program

Credit: 1
One hour of lecture and one hour of tutorial per week

92) That the new course, VBS 215, Veterinary Toxicology, be approved as proposed.

VBS 215 – VETERINARY TOXICOLOGY
This course introduces basic and clinical principles of toxicology. Toxins are presented using a systems-based approach, and opportunities are provided to apply knowledge in clinical veterinary contexts.
PREREQUISITE: Second year standing in the DVM program
Credit: 2
Two hours of lecture and one hour of tutorial per week

93) That the changes to the course description for VBS 101, Macroscopic Anatomy I, be approved as proposed.

Revised
VBS 101 MACROSCOPIC ANATOMY I
~~This course provides a foundation in macroscopic (gross) anatomy, including radiographic anatomy, using the dog as the primary dissection model. Study of mammalian anatomy is followed by investigation of basic vertebrate structure based on fish. In addition to exploring the anatomy of these animals, this course prepares the student for the comparative anatomy studies of the Macroscopic Anatomy II course. Two hours of lecture and five hours of laboratory per week.~~ This course provides a foundation in macroscopic (gross) anatomy using the dog as the primary dissection model.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture and five hours of laboratory per week

94) That the changes to the course description for VBS 102, Macroscopic Anatomy II, be approved as proposed.

Revised
VBS 102 – MACROSCOPIC ANATOMY II
~~The course reviews comparative macroscopic and radiologic anatomy of the horse, ruminant, pig, and fowl, with special emphasis on aspects of clinical and physiological significance. A ruminant, horse, and fowl are dissected. Lectures supplement information gained by dissection.~~
~~Two hours of lecture and five hours of laboratory per week.~~
This course presents comparative macroscopic anatomy of the horse and ruminant through dissection.
PREREQUISITE: First year standing in the DVM program.
Two hours of lecture and five hours of laboratory per week

95) That the changes to the course description for VBS 111, Microscopic Anatomy I, be approved as

proposed.

Revised

VBS 111 – MICRSCOPIC ANATOMY I

~~The course presents the student with an understanding of microscopic organization of basic tissues, blood vessels, lymphoid and respiratory systems of domestic animals. One hour of lecture and two hours of laboratory per week.~~

This course provides an understanding of microscopic organization of basic tissues and various organ systems of domestic animals.

PREREQUISITE: First year standing in the DVM program

One hour of lecture and two hours of laboratory per week

96) That the changes to the course description for VBS 112, Microscopic Anatomy II, be approved as proposed.

Revised

VBS 112 – MICROSCOPIC ANATOMY II

~~The course provides the student with an understanding of microscopic organization of various organ systems, embryonic development, and congenital anomalies of domestic animals.~~

~~One or Two hours of lecture and two hours of laboratory per week (variable).~~

The course provides an understanding of microscopic organization of various organ systems, embryonic development, and congenital anomalies of domestic animals.

PREREQUISITE: First year standing in the DVM program

One hour of lecture and two hours of laboratory in histology every week for the first half of the semester; two or three hours of lecture in embryology

97) That the changes to the course description for VBS 121, Physiology I, be approved as proposed.

Revised

VBS 121 - PHYSIOLOGY I

~~This course provides lecture instruction to acquaint students with system, cell and biochemical functions of importance in nervous, musculoskeletal, cardiovascular, and respiratory systems. These are related to major domestic species of importance in veterinary medicine.~~

~~Two hours of lecture per week.~~

This course presents important system, cell and biochemical functions in common domestic species using a systems-based approach.

PREREQUISITE: First year standing in the DVM program

Two hours of lecture per week

98) That the changes to the course description for VBS 122, Physiology II, be approved as proposed.

Revised

VBS 122 - PHYSIOLOGY II

~~The course employs lecture instruction to acquaint students with system, cell, and biochemical functions of importance in renal and body fluid, gastrointestinal, endocrine, reproductive and environmental regulatory systems.~~

~~Two hours of lecture per week.~~

This course continues presentation of important system, cell, and biomedical functions in common domestic species using a systems-based approach. PREREQUISITE: First year standing in the DVM program

Two hours of lectures per week

99) That the changes to the course description for VBS 141, Integration of Structure and Function I, be approved as proposed.

Revised

VBS 141- INTEGRATION OF STRUCTURE AND FUNCTION I

~~Using problems from small animal veterinary medicine, this course provides students with an opportunity to review and apply basic concepts from macroscopic and microscopic anatomy, and physiology, in an integrated fashion. Students practice the critical reasoning process through analysis of data, development of hypotheses, and their justification.~~

Five hours per week.

This course uses problems from small animal veterinary medicine to integrate concepts from macroscopic and microscopic anatomy and physiology, and develop critical reasoning skills. PREREQUISITE: First year standing in the DVM program

Five hours of tutorial per week

100) That the changes to the course description for VBS 142, Integration of Structure and Function II, be approved as proposed.

Revised

VBS 142 INTEGRATION OF STRUCTURE AND FUNCTION II

~~Using problems from large animal veterinary medicine, this course provides students with an opportunity to review and apply basic concepts from macroscopic and microscopic anatomy, and physiology, in an integrated fashion. The critical reasoning process is further developed and students are increasingly independent in meeting their learning objectives.~~

~~**PREREQUISITE: VBS 141**~~

Three hours of tutorial per week.

This course uses problems from large animal veterinary medicine to integrate concepts from macroscopic and microscopic anatomy and physiology, and develop critical reasoning skills. PREREQUISITE: First year standing in the DVM program

Three hours of tutorial per week

101)That VBS 241, Veterinary Pharmacology and Toxicology I, be deleted as proposed.

102)That VBS 242, Veterinary Pharmacology and Toxicology II, be deleted as proposed.

103)That VBS 312, Clinical Pharmacology and Toxicology, be deleted as proposed.

OMNIBUS MOTION (R. Gilmour/G. Jiwani) that motions 104-125 be approved as noted below:

Department of Companion Animals

104) That the new course, VCA 213, Clinical Skills III, be approved as proposed.

VCA 213 – CLINICAL SKILLS III
This course is a series of clinically-oriented learning experiences focusing on development of basic medical, surgical and anesthetic skills.
PREREQUISITE: Second year standing in the DVM program
Credit: 1
Four hours of laboratory per week

105) That the new course, VCA 214, Diagnostic Imaging II, be approved as proposed.

VCA 214 – DIAGNOSTIC IMAGING II
This course builds upon previous instruction in diagnostic imaging with a focus on image analysis and interpretation of diseases processes in common domestic species.
PREREQUISITE: Second year standing in the DVM program
Credit: 1
One hour of lecture and one hour of tutorial per week

106) That the new course, VCA 215, Small Animal Primary Care Practice I, be approved as proposed.

VCA 215 – SMALL ANIMAL PRIMARY CARE PRACTICE I
This course introduces clinical disciplines central to small animal primary care and wellness, including nutrition, behaviour, and dentistry.
PREREQUISITE: Second year standing in the DVM program
Credit: 2
Two hours of lecture per week

107) That the new course, VCA 313, Clinical Skills V, be approved as proposed.

VCA 313 – CLINICAL SKILLS V
This two semester course provides opportunities to apply knowledge, practice clinical reasoning, and develop competence in core anesthesia and surgery skills with a small animal focus.
PREREQUISITE: Third year standing in the DVM program
Credit: 2
Two to four hours of laboratory or tutorial on alternate weeks

108) That the new course, VCA 314, Professional Foundations IV, be approved as proposed.

VCA 314 – PROFESSIONAL FOUNDATIONS IV

This course builds on the capacity for reflective practice and on further developing communication and interpersonal skills. Skills related to delivering and receiving feedback will be developed. Opportunities for practice and acquiring competence in client communication skills will be a focus.
PREREQUISITE: Third year standing in the DVM program
Credit: 0.5
Twelve hours of tutorial total for the semester

109) That the new course, VCA 315, Small Animal Medicine, be approved as proposed.

VCA 315 – SMALL ANIMAL MEDICINE

This course describes the common medical diseases in dogs and cats relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment and prevention are discussed.
PREREQUISITE: Third year standing in the DVM program
Credit: 4
Four hours of lecture per week

110) That the new course, VCA 316, Small Animal Primary Care Practice II, be approved as proposed.

VCA 316 – SMALL ANIMAL PRIMARY CARE PRACTICE II

This course introduces students to clinical disciplines central to small animal primary care and wellness, including vaccinology, preventive parasitology, neonatology, gerontology, and elective surgery.
PREREQUISITE: Third year standing in the DVM program
Credit: 1
One hour of lecture per week

111) That the new course, VCA 317, Small Animal Surgery, be approved as proposed.

VCA 317 – SMALL ANIMAL SURGERY

This course describes the common surgical diseases in dogs and cats relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment and prevention are discussed.
PREREQUISITE: Third year standing in the DVM program
Credit: 4
Four hours of lecture per week

112) That the changes to the course description for VCA 212, Principles of Medicine, be approved as proposed.

Revised

VCA 212 – PRINCIPLES OF MEDICINE

~~In Principles of Medicine, students learn fundamental principles of disease states, pathophysiology of those principles, and indications for diagnostic methods used in examination of abnormal body functions.~~

Two hours of lecture per week.

This course introduces common disease presentations in domestic species, reviews their pathophysiologic basis, and provides a framework for problem-based clinical reasoning.

PREREQUISITE: Second year standing in the DVM program

Two hours of lecture per week

113) That the changes to the course description and credit weight for VCA 231, Principles of Surgery, be approved as proposed.

Revised

VCA 231 – PRINCIPLES OF SURGERY

~~This course introduces students to fundamental principles of surgery with broad species applications through lecture and laboratory instruction. Emphasis is placed on basic surgical concepts, principles of surgical asepsis, surgical instruments and handling, wound healing and application of postsurgical appliances and suturing techniques.~~

~~1.5 hours of lecture per week/2 hours of lab on alternate weeks.~~

This course introduces the fundamental principles of surgery and surgical management with broad species applications.

PREREQUISITE: Second year standing in the DVM program

1.5 hours of lectures per week

~~Credit: 2~~ Credit: 1.5

114) That the changes to the course description and credit weight for VCA 241, Principles of Anesthesiology, be approved as proposed.

Revised

VCA 241 – PRINCIPLES OF ANESTHESIOLOGY

~~This course introduces students to fundamental principles of anaesthesia with broad species applications through lecture and laboratory instruction. Emphasis is placed on basic concepts, equipment, pain management, relevant physiology and pharmacology and guidelines for patient care in the preanaesthetic, anaesthetic and postanaesthetic periods. Students will begin to cultivate clinical skills necessary for anaesthetic case management that can be further developed in the third and fourth years of the program.~~

This course introduces the fundamental principles of anesthesia and anesthetic management with broad species applications. Pain management strategies are also emphasized.
PREREQUISITE: Second year standing in the DVM program
1.5 hours of lecture per week
Credit: 1.5

115) That the changes to the course description and title for VCA 252, Principles of Diagnostic Imaging, be approved as proposed.

Revised

VCA 252 – PRINCIPLES OF DIAGNOSTIC IMAGING
~~This course introduces students to fundamental principles of diagnostic imaging across veterinary species through both lecture and tutorial instruction. Emphasis is placed on basic concepts central to performing radiographic procedures.~~
PREREQUISITE: Second year standing in the DVM program
One hour of lecture and one hour of tutorial ~~(alternate weeks).~~
This course presents fundamental principles of veterinary diagnostic imaging, including radiation physics and safety, with an introduction to image analysis and interpretation.
PREREQUISITE: Second year standing in the DVM program
One hour of lecture and one hour of tutorial per week

116) That VCA 233, Clinical Behaviour in Companion Animals, be deleted as proposed.

117) That VCA 311, Cardiorespiratory Diseases of Small Animals, be deleted as proposed.

118) That VCA 312, Gastrointestinal, Hepatic and Dental Diseases of Small Animals, be deleted as proposed.

119) That VCA 321, Musculoskeletal Diseases of Small Animals, be deleted as proposed.

120) That VCA 322, Endocrine and Dermatologic Diseases of Small Animals, be deleted as proposed.

121) That VCA 331, Neurologic and Ophthalmologic Diseases of Small Animals, be deleted as proposed.

122) That VCA 332, Renal, Genitourinary, Immunologic and Hemolymphatic Diseases of Small Animals, be deleted as proposed.

123) That VCA 340, Surgical Exercises in Companion Animals, be deleted as proposed.

124) That VCA 341, Diagnostic Radiology, be deleted as proposed.

125) That VCA 342, Medical Exercises in Companion Animals, be deleted as proposed.

OMNIBUS Motion (R. Gilmour/Z. Jarvis) that motions 126 – 147 be approved as noted below .

Health Management

126) That the new course, VHM 113, Clinical Skills I, be approved as proposed.

VHM 113 – CLINICAL SKILLS I
This course is a series of clinically-oriented learning experiences focused on developing competency in basic animal restraint and handling and fundamental clinical skills.
PREREQUISITE: First year standing in the DVM program
Credit: 1
Three hours of laboratory per week

127) That the new course, VHM 354, Clinical Skills IV, be approved as proposed.

VHM 354 – CLINICAL SKILLS IV
This course provides opportunities to apply knowledge, practice clinical reasoning, and develop competence in core procedural skills related to medicine, surgery, and reproduction in large and small animals.
PREREQUISITE: Third year standing in the DVM program
Credit: 1
Three hours of laboratory per week.

128) That the changes to the course description and credit weight for VHM 111, Animal Production Systems, be approved as proposed.

Revised

VHM 111 – ANIMAL PRODUCTION SYSTEMS
~~This course provides students with a basic understanding of major animal industries, with particular emphasis in nutrition, breeding, reproduction, housing, feeding, general management and marketing characteristics of each industry. In addition, major compounds of nutritional importance in nutrient metabolism, and the role of nutrients in the integration of biological and physiological processes in animals are discussed. Feedstuffs are evaluated in relation to nutrient requirements of various animal species.~~
~~Two hours of lecture and three hours of laboratory/field experience per week.~~
This course provides an overview of major animal industries and the role played by veterinarians in each of the industries is discussed.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture per week and one to two hours of tutorial on alternate weeks

129) That the changes to the course description for VHM 112, Principles of Veterinary Epidemiology, be approved as proposed.

Revised

VHM 112 - PRINCIPLES OF VETERINARY EPIDEMIOLOGY
~~In this course, students learn the basic principles and techniques used in veterinary epidemiology. Students apply quantitative reasoning to common problems in veterinary medicine including estimating the frequency of disease, evaluating and interpreting diagnostic tests, predicting prognosis, evaluating risk factors for disease, and interpreting the veterinary literature.~~
Two hours of lecture and one hour of laboratory per week.
This course teaches basic principles and techniques used in veterinary epidemiology with a focus on development of quantitative reasoning skills.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture and one hour of laboratory per week

130) That the changes to the course description and credit weight for VHM 222, Principles of Theriogenology, be approved as proposed.

Revised

VHM 222 - PRINCIPLES OF THERIOGENOLOGY
~~In this course, students develop an understanding of reproductive physiology and control of the estrous cycle in the common domestic species. Artificial insemination is discussed and companion animal theriogenology is presented in detail.~~
~~Two~~ hours of lecture per week.
This course introduces the fundamental principles of theriogenology and reproductive management including a review of reproductive physiology and control of the estrous cycle in common domestic species.
PREREQUISITE: Second year standing in the DVM program
One hour of lecture per week

131) That the changes to the course description for VHM 231, Veterinary Public Health, be approved as proposed.

Revised

VHM 231 - VETERINARY PUBLIC HEALTH
~~In this course students learn about the role of the veterinarian in public health. Topics covered include risk management and risk communication, the safety of foods of animal origin, the responsibilities of the veterinarian in control of zoonotic diseases and occupational hazards in veterinary medicine. The emphasis of the course is divided between the role of the private practitioner in food safety and public health, and the role of the veterinarian in federal and provincial inspection and regulatory programs.~~

Two hours of lecture per week.
This course discusses the role of the veterinarian, either as a private practitioner or in a regulatory context, as it relates to risk management, zoonoses, food safety, and the interrelationship of animals and the environment.
PREREQUISITE: Second year standing in the DVM program
Two hours of lecture per week

132) That the changes to the course title and description for VHM 241, Principles of Health Management, be approved as proposed.

Revised

VHM 241 ~~PRINCIPLES OF HEALTH MANAGEMENT~~ EVIDENCE-BASED VETERINARY MEDICINE
~~In this course, material from VHM 112 is utilized in a practical way to assist students in becoming better critical thinkers and decision-makers. Students learn a systemic approach to critical reading of literature so that they are able to apply evidence based approaches to all areas of veterinary medicine. The course will alternate between lectures and tutorials, with the tutorials giving the students a change to practice and reinforce principles presented in lectures.~~
One hour of lecture ~~and one hour of tutorial on alternate weeks~~
This course presents a systematic approach to searching, critical reading, and appraisal of scientific literature to enable evidence-based clinical decisions in all areas of veterinary medicine.
PREREQUISITE: Second year standing in the DVM program
One hour of lecture

133) That the changes to the course title and description for VHM 251, Clinical Orientation II, be approved as proposed.

Revised

VHM 251 ~~CLINICAL ORIENTATION II~~ CLINICAL SKILLS II
~~This course develops proficiency in general and advanced physical examination skills in normal domestic animals. Species of interest include companion, farm, and laboratory animals, and avian species. Students develop their communication skills using advanced case modules developed by Bayer.~~
One hour of lecture and two hours of laboratory per week.
This course is a series of clinically-oriented learning experiences focusing on development of patient-assessment skills across species.
PREREQUISITE: Second year standing in the DVM program
One hour of lecture and two hours of laboratory per week

134) That the changes to the course description for VHM 322, Food Animal Health and Disease, be approved as proposed.

Revised

VHM 322 - FOOD ANIMAL HEALTH AND DISEASE
~~This required core course describes the common medical, surgical, reproductive, and production limiting diseases of food producing animals relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment and prevention are discussed. The focus of this course is diseases of cattle and swine but important and unique diseases of small ruminants are also covered.~~
Five hours of lecture per week.
This course presents the common medical, surgical, reproductive, and production limiting diseases of food producing animals relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment and prevention are discussed.
PREREQUISITE: Third year standing in the DVM program
Five hours of lecture per week

135) That the changes to the course description for VHM 323, Equine Health and Disease, be approved as proposed.

Revised

VHM 323 - EQUINE HEALTH AND DISEASE
~~This required core course describes the common medical, surgical, and reproductive diseases of horses relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment, indications for anaesthesia, and prevention are discussed. The course also reviews common pharmaceutical agents and biologics used in horses as well as preventative herd health practices for the equine species.~~
Four hours of lecture per week.
This course presents the common medical, surgical, and reproductive diseases of horses relevant to the entry level veterinarian engaged in general practice. Disease processes and their diagnosis, treatment and prevention are discussed.
PREREQUISITE: Third year standing in the DVM program
Four hours of lecture per week

136) That the changes to the course description and title for VHM 363, Career and Practice Management, be approved as proposed.

Revised

VHM 363 ~~CAREER AND PRACTICE MANAGEMENT~~ PROFESSIONAL FOUNDATIONS III
~~The course is designed to provide students with an understanding of the fundamentals of business, structure of practice, and personal financial planning in the veterinary environment. Students will~~

~~gain knowledge in areas of relevance within their roles as new graduates including the functional areas of practice such as workplace environment issues, facilities and configurations, foundations of customer service and compliance, human resource and leadership issues, marketing and promotion tactics, and transition to becoming a practice owner. Practice finances and personal income structures including commission based salaries and self-employed status will also be featured.~~
PREREQUISITE: Third year standing in the DVM program
One hour of lecture per week
This course introduces the fundamentals of business, structure of practice, and personal financial planning for veterinary professionals. Areas relevant to the new veterinary graduate are presented including workplace environment issues, facilities and configurations, foundations of customer service and compliance, human resource and leadership issues, marketing and promotion tactics, and the transition to practice ownership. Practice finances and personal income structures, including commission based salaries and self-employed status, will be discussed.
PREREQUISITE: Third year standing in the DVM program
One hour of lecture per week delivered in a modular format

137) That VHM 101, Introduction to Veterinary Medicine, be deleted as proposed.

138) That VHM 124, Clinical Orientation I, be deleted as proposed.

139) That VHM 125, Animal Behaviour and Animal Welfare, be deleted as proposed.

140) That VHM 324, Clinical Techniques in Large Animals, be deleted as proposed.

141) That VHM 401, Career and Practice Management, be deleted as proposed.

142) That the new course, VHM 872 Advanced Clinics in Equine Welfare and Preventive Medicine.

VHM 872 - ADVANCED CLINICS IN EQUINE WELFARE AND PREVENTIVE MEDICINE
This course provides in-depth training in equine welfare and preventive medicine and is offered in any academic semester based on student enrolment. Under close supervision of an ABVP (Equine) Diplomate, students spend 12 weeks in the Ambulatory Equine Service of the VTH. Topics emphasized in this course include application and understanding of the Equine Code of Practice, preventive medicine, infectious disease, dentistry and population/herd health. For this course, students are required to present an in-depth analysis of an equine clinical case once monthly in house officer rounds. Students enrolled in this course are expected to participate in emergency duty.
Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

143) That the new course, VHM 873 Equine Sports Medicine and Rehabilitation I, be approved as proposed.

VHM 873 - EQUINE SPORTS MEDICINE AND REHABILITATION I
This course provides training in equine sports medicine and rehabilitation and is offered in any academic semester based on student enrolment. Students are expected to be at entry level and will be working under direct supervision of an ABVP (Equine) diplomate, and will spend 12 weeks in the Ambulatory Equine Service of the VTH. Topics include diagnostic, therapeutic and rehabilitation techniques utilized to support the equine athlete from birth through adolescence, training, competition, injury, rehabilitation and retirement. Any necessary additional training in diagnostic and therapeutic techniques is provided. Students are involved in cases admitted to the VTH and those examined at farms and training facilities. Students enrolled in this course are expected to participate in emergency duty.
Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

144) That the new course, VHM 874 Equine Sports Medicine and Rehabilitation II, be approved as proposed.

VHM 874 – EQUINE SPORTS MEDICINE AND REHABILITATION II
This course provides more advanced training in equine sports medicine and rehabilitation and is offered in any academic semester based on student enrolment. Under close supervision of an ABVP (Equine) diplomate, students spend 12 weeks in the Ambulatory Equine Service of the VTH. Students are expected to work more independently in performing diagnostic, therapeutic and rehabilitation techniques utilized to support the equine athlete from birth through adolescence, training, competition, injury, rehabilitation and retirement. Any necessary additional training in diagnostic and therapeutic techniques is provided. Students are involved in cases admitted to the VTH and those examined at farms and training facilities. Students enrolled in this course are expected to participate in emergency duty.
Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

145) That the new course, VHM 875 Recent Advances in Equine Sports Medicine and Preventive Medicine I, be approved as proposed.

VHM 875 – RECENT ADVANCES IN EQUINE SPORTS MEDICINE AND PREVENTIVE MEDICINE I
This is a lecture/seminar course designed to review recent advances in equine sport and preventive medicine, at a level appropriate for the first year of an Ambulatory Equine MSc/MVSc-Residency program. The course will meet for one contact hour per week for the fall and winter semesters, and in the first summer session, and will involve a mix of instructor and student directed in-depth discussions of the relevant current literature or recently published texts. Considerable out-of-class preparation is required.

Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

146) That the new course, VHM 876 Recent Advances in Equine Sports Medicine and Preventive Medicine II, be approved as proposed.

VHM 876 – RECENT ADVANCES IN EQUINE SPORTS MEDICINE AND PREVENTIVE MEDICINE II
This is a lecture/seminar course designed to review recent advances in equine sport and preventive medicine, at a level appropriate for the second year of an Ambulatory Equine MSc/MVSc-Residency program. The course will meet for one contact hour per week for the fall and winter semesters, and in the first summer session, and will involve a mix of instructor and student directed in-depth discussions of the relevant current literature or recently published texts. Considerable out-of-class preparation is required.
Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

147) That the new course, VHM 877 Recent Advances in Equine Sports Medicine and Preventive Medicine III, be approved as proposed.

VHM 877 – RECENT ADVANCES IN EQUINE SPORTS MEDICINE AND PREVENTIVE MEDICINE III
This is a lecture/seminar course designed to review recent advances in equine sport and preventive medicine, at a level appropriate for the third year of an Ambulatory Equine MSc/MVSc-Residency program. The course will meet for one contact hour per week for the fall and winter semesters, and in the first summer session, and will involve a mix of instructor and student directed in-depth discussions of the relevant current literature or recently published texts. Considerable out-of-class preparation is required.
Cross-Listing: NA
Prerequisite/Co-Requisite: DVM or equivalent and/or permission of the instructor
Semester Credit Hours: 3

OMNIBUS Motion (R. Gilmour/G. Keefe) that motions 148 – 158 be approved as noted below .

<u>Pathology and Microbiology</u>

148) That the new course, VPM 202, Professional Foundations II, be approved as proposed.

VPM 202 – PROFESSIONAL FOUNDATIONS II
This course builds on Professional Foundations I to engage students in topics that help them understand and develop their professional identity. Core aspects include reflective practice, ethics and moral reasoning, professional values, and leadership. Students will develop communication skills required for effective medical interviews, difficult interactions, and challenging conversations with clients. This course is graded pass/fail.

PREREQUISITE: Second year standing in the DVM program
Credit: 2
One hour of lecture and two hours of tutorial per week

149) That the changes to the course description and title for VPM 111, Immunology, be approved as proposed.

Revised

VPM 111 - VETERINARY IMMUNOLOGY
~~Description of the events occurring during an immune response at the molecular, cellular and clinical level will be presented. The role of this response in prevention of, or recovery from, infectious disease will be outlined. Principles of immunoprophylaxis will be discussed. Adverse effects of an immune response, including hypersensitivity and auto-immunity, will be discussed and illustrated by the use of clinical examples.~~
Two hours of lecture ~~and a two-hour laboratory on alternate weeks.~~
This course describes events occurring during an immune response at the cellular, molecular, and clinical levels, and the role of the response in the prevention and control of infectious disease. Clinical applications relevant to veterinary medicine are discussed.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture and one hour of tutorial per week

150) That the changes to the course description for VPM 122, Parasitology, be approved as proposed.

Revised

VPM 122 - PARASITOLOGY
~~The course presents principles of the developmental cycles, pathogenesis of infections, immunological responses and epidemiology of animal parasites, including arthropods, protozoa and helminthes. Examples from domestic animals, companion animals, wildlife, fish and human hosts will be presented.~~
Two hours of lecture and two hours of laboratory per week.
The course presents principles of the developmental cycles, pathogenesis of infections, immunological responses and epidemiology of animal parasites.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

151) That the changes to the course description for VPM 152, General Pathology, be approved as proposed.

Revised

VPM 152 - GENERAL PATHOLOGY

~~This course is the study of disease processes in organs and tissues of animals at the subcellular, cellular, and tissue levels. The major disease processes include degeneration, necrosis, pigmentation, circulatory disturbances, inflammation, healing, growth abnormalities and neoplasia.~~
PREREQUISITE~~: Second semester enrollment in the AVC curriculum~~
Two hours of lecture and two hours of laboratory per week.
This course presents the pathologic basis of disease processes in organs and tissues of animals at the subcellular, cellular, and tissue levels.
PREREQUISITE: First year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

152) That the changes to the course description and credit weight for VPM 201, Bacteriology and Mycology, be approved as proposed.

Revised

VPM 201 – BACTERIOLOGY AND MYCOLOGY

~~Bacterial and fungal pathogens of animals will be considered with respect to habitat, virulence factors, pathogenesis and effect on different animal species. Emphasis is placed on specimen selection and isolation and control by chemo-therapeutic and biological means.~~
Three hours of lecture and ~~four~~ hours of laboratory per week.
This course presents important bacterial and fungal pathogens of animals and the diseases they cause. Principles of biosafety and biosecurity are introduced and opportunities are provided to apply these principles in the laboratory.
PREREQUISITE: Second year standing in the DVM program
Three hours of lecture and two hours of laboratory per week

153) That the changes to the course description for VPM 211, Virology, be approved as proposed

Revised

VPM 211 – VIROLOGY

~~This course provides both a theoretical and a practical basis for understanding important viral diseases of animals. The lectures cover general principles of virology and viral diseases, with special emphasis on diagnosis and pathogenesis. The tutorials are focused on discussions of clinical cases in which student apply knowledge from lectures, as well as directed self-study of clinical problems. Students are guided in group discussions to develop critical reasoning skills.~~
Two hours of lecture and two hours of laboratory per week.
This course presents important viral pathogens of animals and offers a theoretical and practical basis for understanding the diseases they cause.
PREREQUISITE: Second year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

154) That the changes to the course description for VPM 221, Systemic Pathology I, be approved as proposed.

Revised

VPM 221 – SYSTEMIC PATHOLOGY I
~~This course is the study of the diseases of the alimentary, hepatic, pancreatic, respiratory, cardiovascular, and haemopoietic systems at the cellular, tissue, and organ levels.~~
Two hours of lecture and two hours of laboratory per week.
PREREQUISITE: ~~Third semester enrolment in the AVC curriculum~~
This course presents the pathologic basis of animal diseases at the cellular, tissue, and organ levels using a systems-based approach.
PREREQUISITE: Second year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

155) That the changes to the course description for VPM 222, Systemic Pathology II, be approved as proposed.

Revised

VPM 222 – SYSTEMIC PATHOLOGY II
~~This course is the study of the diseases of the alimentary, hepatic, pancreatic, respiratory, nervous, ocular, auditory, endocrine, reproductive, integumentary, urinary and/or other systems at the cellular, tissue, and organ levels.~~
~~Three~~ hours of lecture and ~~four~~ hours of laboratory per week.
This course continues to present the pathologic basis of animal diseases at the cellular, tissue, and organ levels using a systems-based approach.
PREREQUISITE: Second year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

156) That the changes to the course description for VPM 242, Clinical Pathology, be approved as proposed.

Revised

VPM 242 – CLINICAL PATHOLOGY
~~This course provides students with principles of veterinary haematology, cytology and clinical chemistry. Students learn to recognize and interpret alterations in peripheral blood smears, cytologic samples of major body systems, and chemistry data from serum and other body fluids. Two hours of lecture and two hours of laboratory per week.~~
This course presents the principles of veterinary hematology, clinical chemistry, urinalysis, and cytology, and provides opportunities to develop diagnostic reasoning and technical skills relating to clinical pathology.

PREREQUISITE: Second year standing in the DVM program
Two hours of lecture and two hours of laboratory per week

157) That the changes to the course description and credit weight for VPM 262, Aquaculture and Fish Health, be approved as proposed.

Revised

VPM 262 – AQUACULTURE AND FISH HEALTH
~~This course provides students with practical experience in the application of Veterinary Medicine in the aquatic environment. Lectures deal with various aspects of aquaculture, including food fish, shellfish, pet fish, and public display aquaria. Interactions of water, holding facilities, and disease agents will be examined to provide a basis for disease prevention and rational use of chemotherapeutics.~~
~~Two hours of lecture and two hours of laboratory/project activity per week.~~
This course introduces students to all aspects of aquatic veterinary medicine, including aquaculture and pet fish, with a focus on disease prevention, diagnosis and treatment.
PREREQUISITE: Second year standing in the DVM program
One hour of lecture per week

158) That the changes to Doctor of Veterinary Medicine core pre-clinical curriculum be approved as proposed.

Faculty/School: Veterinary Medicine

DOCTOR OF VETERINARY MEDICINE PROGRAM
First Year

Semester 1 **Weekly Contact**

Course		**Lecture**	**Lab**	**Credit**
VBS 101	Macroscopic Anatomy I	2	5	~~4~~
VBS 111	Microscopic Anatomy I	1	2	2
VBS 121	Physiology I	2	0	2
VBS 141	Integration of Structure and Function I	0	5	2
VBS 104	Principles of Veterinary Research	1	0	1
VBS 105	Professional Foundations I	1	2	2
VBS 103	Animal Behaviour and Welfare	2	0	2
~~VHM 101~~	~~Introduction to Veterinary Medicine~~	~~2~~	~~0~~	~~2~~
VHM 111	Animal Production Systems	2	~~3~~1	~~3~~2

~~VHM 125~~	~~Animal Behaviour and Animal Welfare~~	~~1~~	~~2~~	~~2~~
VPM 111	Veterinary Immunology	2	1	2
		~~12~~13	**~~18~~16**	**19**

Semester 2 **Weekly Contact**

Course		**Lecture**	**Lab**	**Credit**
VBS 102	Macroscopic Anatomy II	2	5	4
VBS 112	Microscopic Anatomy II	1.4	1.7	3
VBS 122	Physiology II	2	0	2
VBS 142	Integration of Structure and Function II	0	3	1
VHM 112	Principles of Veterinary Epidemiology	2	1	2
~~VHM 124~~	~~Clinical Orientation I~~	~~0~~	~~3~~	~~1~~
VHM 1XX	Clinical Skills I	0	3	1
VPM 122	Parasitology	2	2	3
VPM 152	General Pathology	2	2	3
		11.4	**17.7**	**19**

Second Year

Semester 3 **Weekly Contact**

		Lecture	**Lab**	**Credit**
VBS 213	Veterinary Pharmacology I	3	1	3
~~VBS 241~~	~~Veterinary Pharmacology & Toxicology I~~	~~3~~	~~2~~	~~4~~
VCA 252	~~Principles of~~ Diagnostic Imaging I	1	1	1
VHM 231	Veterinary Public Health	2	0	2
VHM 241	~~Principles of Health Management~~ Evidence-based Veterinary Medicine	1	1	1
VHM 251	Clinical Skills II ~~Orientation II~~	1	2	1
VPM 201	Bacteriology and Mycology	3	~~4~~2	~~5~~4
VPM 211	Virology	2	2	3
VPM 221	Systemic Pathology I	2	2	3

VPM 202	Professional Foundations II	1	2	2
		~~15~~16	**~~14~~13**	**20**

Semester 4 **Weekly Contact**

Course		**Lecture**	**Lab**	**Credit**
VBS 214	Veterinary Pharmacology II	1	1	1
~~VBS 242~~	~~Veterinary Pharmacology & Toxicology II~~	~~2~~	~~1~~	~~2~~
VBS 215	Veterinary Toxicology	2	1	2
VCA 214	Diagnostic Imaging II	1	1	1
VCA 212	Principles of Medicine	2	0	2
VCA 231	Principles of Surgery	1.5	~~2~~0	~~2~~1.5
~~VCA 233~~	~~Clinical Behaviour in Companion Animals~~	~~0~~	~~0~~	~~0.5~~
VCA 241	Principles of An~~a~~esthesiology	1.5	~~2~~0	~~2~~1.5
VCA 215	Small Animal Primary Care Practice I	2	0	2
VCA 213	Clinical Skills III	0	4	1
VHM 222	Principles of Theriogenology	~~2~~1	0	~~2~~1
VPM 222	Systemic Pathology II	2	2	3
VPM 242	Clinical Pathology	2	2	3
VPM 262	Aquaculture and Fish Health	~~2~~1	~~2~~0	~~3~~1
		~~15~~17	**11**	**~~19.5~~20**

THE THIRD YEAR

The third year of the DVM program consists of core and elective courses. Students are required to take all of the core courses and ~~6 credit hours of Health Management~~ at least 16 credit hours of elective courses. The majority of elective courses are delivered in 5-week modules (M) in semester 6

Third Year

Semester 5 **Weekly Contact**

Course		**Lecture**	**Lab**	**Credit**
~~VCA 311~~	~~Cardiorespiratory Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 321~~	~~Musculoskeletal Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 331~~	~~Neurologic and Ophthalmologic Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 340~~	~~Surgical Exercises in Companion Animals~~	~~0~~	~~2~~	~~0~~
~~VCA 341~~	~~Diagnostic Radiology~~	~~1~~	~~1~~	~~0~~
~~VCA 342~~	~~Medical Exercises in Companion Animals~~	~~0~~	~~1~~	~~0~~
VCA 316	Small Animal Primary Care Practice II	1	0	1
VCA 315	Small Animal Medicine	4	0	4
VCA 317	Small Animal Surgery	4	0	4
VCA 313	Clinical Skills V	0	2	0
VHM 322	Food Animal Health and Disease	5	0	5
VHM 323	Equine Health and Disease	4	0	4
VHM 354	Clinical Skills IV	0	3	1
VHM 363	~~Career and Practice Management~~ Professional Foundations III	M	0	1
~~VHM 324~~	~~Clinical Techniques in Large Animals~~	~~0~~	~~1.5~~	~~0.5~~
		~~16~~18	**~~5.5~~5**	**~~15.5~~20**
Elective(s)				
VCA 324	Advanced Small Animal Anesthesiology	1	0	1
VCA 351	Introduction to Exotic Pet Medicine	1	0	1
VHM 352	Principles of Integrative Medicine	1	0	1

Course		**Lecture**	**Lab**	**Credit**
VCA 3XX	Clinical Skills V	0	2	2
VCA 3XX	Professional Foundations IV	0	1	0.5
~~VBS 312~~	~~Clinical Pharmacology and Toxicology~~	~~1~~	~~1~~	~~1~~
~~VCA 312~~	~~Gastrointestinal, Hepatic, and Dental Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 322~~	~~Endocrine and Dermatologic Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 332~~	~~Renal, Genitourinary, Immunologic and Hemolymphatic Diseases of Small Animals~~	~~2~~	~~0~~	~~2~~
~~VCA 340~~	~~Surgical Exercises in Companion Animals~~	~~0~~	~~2~~	~~2~~
~~VCA 341~~	~~Diagnostic Radiology~~	~~1~~	~~1~~	~~2~~
~~VCA 342~~	~~Medical Exercises in Companion Animals~~	~~0~~	~~1~~	~~1~~
		~~80~~	~~53~~	~~122~~.5
Elective(s)				
~~VCA 352~~	~~Introduction to Exotic Pet Medicine II~~	~~1~~	~~0~~	~~1~~
VBS 311	Comparative Medicine	M	0	1.5
VCA 323	Advanced Large Animal Anesthesiology	M	0	1
VHM 325	Production and Infectious Diseases of Food Animals	M		0.5
VHM 326	Bovine Herd Management and Nutrition	M		0.5
VHM 327	Advanced Bovine Mastitis and Quality Milk Production	M		1.0
VHM 328	Current Issues in Bovine Lameness, Welfare and Cow Comfort	M		0.5
VHM 329	Topics in Poultry and Swine	M		0.5

VHM 333	Topics in Small Ruminants	M		1.0
VHM 334	Health of Aquatic Animals and the Ecosystem	M		1.0
VHM 339	Topics in Advanced Equine Medicine	M		1.0
VHM 343	Advanced Equine Medicine Techniques	M		0.5
VHM 344	Equine Preventative Medicine	M		0.5
VHM 345	Food Animal Anaesthesia and Surgery	M		0.5
VHM 346	Techniques in Food Animal Anaesthesia and Surgery	M		0.5
VHM 347	Equine Anaesthesia, Surgery and Lameness	M		1.5
VHM 348	Techniques in Equine Anaesthesia and Surgery	M		0.5
VHM 351	Techniques in the Evaluation of Equine Musculoskeletal Disease	M		0.5
~~VHM 353~~	~~Techniques of Integrative Medicine~~	~~M~~		~~0.5~~
VHM 336	Topics in Advanced Equine Theriogenology	M		0.5
VHM 337	Advanced Equine Theriogenology Techniques	M		0.5
VHM 335	Topics in Advanced Bovine Theriogenology	M		0.5
VHM 338	Advanced Bovine Theriogenology Techniques	M		0.5

M designates modular course format

OMNIBUS Motion (R. Gilmour/S. St. Hilaire) that motions 159 – 161 be approved as noted below .

DVM Academic Calendar Dates

159) To approve the DVM Academic Calendar Dates for 2017-2018 as proposed.

ACADEMIC CALENDAR DATES
2017-2018

Doctor of Veterinary Medicine
1st Academic Semester
May - December 2017

(67 Teaching Days)

May	
1 Monday	First day of Fourth Year Rotations - Summer Semester
22 Monday	*Victoria Day - no classes*
August	
14 Monday	First day of Fourth Year Rotations - Fall Semester
16 Wednesday	Clinical Conference begins
25 Thursday	First Year Orientation
28 Monday	Classes begin
September	
4 Monday	*Labour Day - no classes*
October	
9 Monday	*Thanksgiving Day - no classes*
31 Tuesday	**Final date to apply to graduate.** Forms available online.
November	
13 Monday	*Holiday in lieu of Remembrance Day - No classes*
December	
1 Friday	Final Day of Fall Semester Classes
2 - 16 (Sat-Sat)	Final Examinations
20 Wednesday	End of First Semester. Course grades to be submitted to the Registrar's Office by noon on this date.

NOTE: *The North American Veterinary Licensing Examination (NAVLE®) is available during a four week testing window in November-December . For further information, please refer to*

www.nbec.org

ACADEMIC CALENDAR DATES
2017-2018

Doctor of Veterinary Medicine
2nd Academic Semester
January - May 2018

(68 Teaching Days)

January	
2 Tuesday	First day of Fourth Year Rotations - Winter Semester
3 Wednesday	Pre-Clinical Classes begin **-** Winter Semester
February	
15-16 (Thurs-Fri)	Mid-semester break (except 4th year rotations)
19 Monday	*Islander Day. No classes.*
March	
30 Friday	*Good Friday. No classes.*
April	
2 Monday	*Easter Monday. No classes.*
13 Friday	Final day of winter semester classes.
15 Sunday	Final day of fourth year rotations
14 –28 (Sat-Sat)	Final Exams
25 Wednesday	End of second semester. Course grades for 4th year students to be submitted to Registrar's office by noon
30 Monday	First day of Fourth Year Rotation – Summer Semester
May	
2 Wednesday	Course grades for 1st, 2nd, and 3rd year students to be submitted to Registrar's Office by noon on this date.
12 Saturday	Convocation

NOTE: *The North American Veterinary Licensing Examination (NAVLE®) dates are in April. Please refer to www.nbec.org*

160) To approve the DVM Academic Calendar Dates for 2018-2019 as proposed.

ACADEMIC CALENDAR DATES
2018-2019

Doctor of Veterinary Medicine
1st Academic Semester
May - December 2018

(67 Teaching Days)

April	
30 Monday	First day of Fourth Year Rotations - Summer Semester
May	
21 Monday	*Victoria Day - no classes*
August	
13 Monday	First day of Fourth Year Rotations - Fall Semester
15 Wednesday	Clinical Conference begins
24 Friday	First Year Orientation
27 Monday	Classes begin
September	
3 Monday	*Labour Day - no classes*
October	
8 Monday	*Thanksgiving Day - no classes*
31 Wednesday	**Final date to apply to graduate.** Forms available online.
November	
12 Monday	*Holiday in lieu of Remembrance Day - No classes*
30 Friday	Final Day of Fall Semester Classes
December	
1 - 15 (Sat-Sat)	Final Examinations
19 Wednesday	End of First Semester. Course grades to be submitted to the Registrar's Office by noon on this date.

NOTE: *The North American Veterinary Licensing Examination (NAVLE®) is available during a four week testing window in November-December . For further information, please refer to www.nbec.org*

ACADEMIC CALENDAR DATES
2018-2019

Doctor of Veterinary Medicine
2nd Academic Semester
January - May 2019

(69 Teaching Days)

January	
3 Thursday	Pre-Clinical Classes begin **-** Winter Semester
7 Monday	First day of Fourth Year Rotations - Winter Semester
February	
14-15 (Thurs-Fri)	Mid-semester break (except 4th year rotations)
18 Monday	*Islander Day. No classes.*
April	
12 Friday	Final day of winter semester classes.
13–27 (Sat-Sat)	Final Exams
19 Friday	*Good Friday. No examinations*
22 Monday	*Easter Monday. No examinations*
22 Monday	Final day of fourth year rotations
24 Wednesday	End of second semester. Course grades for 4th year students to be submitted to Registrar's office by noon
29 Monday	First day of Fourth Year Rotation – Summer Semester
May	
1 Wednesday	Course grades for 1st, 2nd, and 3rd year students to be submitted to Registrar's Office by noon on this date.
11 Saturday	Convocation
NOTE:	*The North American Veterinary Licensing Examination (NAVLE®) dates are in April. Please refer to www.nbec.org*

161) To approve the DVM Academic Calendar Dates for 2019-2020 as proposed.

ACADEMIC CALENDAR DATES
2019-2020

Doctor of Veterinary Medicine

1st Academic Semester
May - December 2019

***(67* Teaching Days)**

April	
29 Monday	First day of Fourth Year Rotations - Summer Semester
May	
20 Monday	*Victoria Day - no classes*
August	
12 Monday	First day of Fourth Year Rotations - Fall Semester
14 Wednesday	Clinical Conference begins
23 Friday	First Year Orientation
26 Monday	Pre-Clinical Classes begin
September	
2 Monday	*Labour Day - no classes*
October	
7 Monday	*Thanksgiving Day - no classes*
31 Wednesday	**Final date to apply to graduate.** Forms available online.
November	
11 Monday	*Remembrance Day - No classes*
29 Friday	Final Day of Fall Semester Classes
30-Dec 14(Sat-Sat)	Final Examinations
December	
18 Wednesday	End of First Semester. Course grades be submitted to the Registrar's Office by noon on this date.

NOTE: *The North American Veterinary Licensing Examination (NAVLE®) is available during a four week testing window in November-December . For further information, please refer to www.nbec.org*

ACADEMIC CALENDAR DATES
2019-2020

Doctor of Veterinary Medicine
2nd Academic Semester
January - May 2020

(70 Teaching Days)

January	
6 Monday	First day of Fourth Year Rotations - Winter Semester
6 Monday	Pre-Clinical Classes begin **-** Winter Semester
February	
13-14 (Thurs-Fri)	Mid-semester break (except 4th year rotations)
17 Monday	*Islander Day. No classes.*
April	
10 Friday	*Good Friday. No classes*
13 Monday	*Easter Monday. No classes*
17 Friday	Final day of winter semester classes
18-May 2 (Sat-Sat)	Final Exams
19 Sunday	Final day of fourth year rotations
27 Monday	End of second semester. Course grades for 4th year students to be submitted to Registrar's office by noon
May	
4 Monday	First day of Fourth Year Rotation – Summer Semester
4 Monday	Course grades for 1st, 2nd, and 3rd year students to be submitted to Registrar's Office by noon on this date.
9 Saturday	Convocation

NOTE: *The North American Veterinary Licensing Examination (NAVLE®) dates are in April. Please refer to www.nbec.org*

OMNIBUS Motion (R. Gilmour/L. Chilton) that motions 162 – 169 be approved as noted below .

Faculty of Arts

162) That a new course entitled CLC 106: Putting Arts to Work I be approved.

CLC 206 – PUTTING ARTS TO WORK I
This course examines the history, purpose, and uses of a Liberal Arts education, with a focus on the three key areas identified in the major: Applied Communication, leadership and culture. In this course, students explore the meaning of community engagement, citizenship and social responsibility. Students are introduced to community based research and participatory action research. Current trends in the use of technology to promote social change are examined. This course is for students who want to develop skills and knowledge related to civic engagement and community service.
Cross-Listing: None
Prerequisite/Co-Requisite: None
Semester Credit Hours: 3

163) That a new course entitled CLC 108: Digital Literacy be approved.

CLC 108 – DIGITAL LITERACY

Digital Literacy is designed to prepare students for 21st century learning and employment. Four skill areas are focused upon in this course:

i) Desktop Publishing – Students are introduced to the software that allows them to develop a professional media campaign. Students experiment with designing posters, promotional literature and brochures.
ii) Social Media - Students are introduced to various social media packages.
iiI) Video Production – Students are introduced to the basics of video productions. Topics include camera and editing techniques; critical review and assessment of video productions.
iv) Web Design - Any project or new venture requires a slick web presence. Students are introduced to the basics of web design. This course involves the application of these tools in a project- based setting to create meaningful and relevant products. The technical learning of the different forms of digital literacy is combined with deconstruction and critical analysis of media products. Students experience the course in a hybrid model of face-to-face and online formats

Cross-Listing: None
Prerequisite/Co-Requisite: None
Semester Credit Hours: 3

164) That a new course entitled CLC 209: Digital Humanities be approved.

CLC 209 – DIGITAL HUMANITIES
Digital Humanities involves the use of computational skills, programs and applications in the gathering of evidence and data, preserving and representation of texts and other artifacts, and the use of such tools and techniques in the analysis of this evidence. Digital Humanities approaches can encompass highly sophisticated computational analysis of texts and visualization of data, or the use of Geographical Information Systems (GIS) tools to map and analyse spatial and geographical aspects of a topic. In this course students explore the tools, methods and analytical potentials associated with digital humanity studies through team-based digital humanities projects. Each year, these course outcomes will be achieved through the study of a specific thematically based subject.
Cross-Listing: None
Prerequisite/Co-Requisite: None
Semester Credit Hours: 3

165) That a new course entitled CLC 306: Putting Arts to Work II be approved.

CLC 306 – PUTTING ARTS TO WORK II
Drawing upon skills learned in CLC 106 and CLC 108, this project-based course examines the skills and knowledge necessary to complete an experiential learning project in one of the key career areas for Liberal Arts majors, such as journalism, human resources, marketing, NGOs, Arts and Culture, Government, and Education. Students work in teams to design, research, and present a project with application outside the university context. Each year, these course outcomes will be achieved through the interdisciplinary study of a specific thematically based subject.
Cross-Listing: None
Prerequisite/Co-Requisite: CLC 106: Putting Arts To Work I or permission of the instructor
Semester Credit Hours: 3

166) That a new course entitled CLC 308: Leadership for a Changing World be approved.

CLC 308: LEADERSHIP FOR A CHANGING WORLD
This course introduces students to pressing global problems and
to the ways that individual visionaries, governments, NGOs, and businesses have attempted to solve them. Students explore the connections between the local and the global through location- specific case studies. Topics for discussion may include: war, poverty, disease, forced migrations, and various forms of social inequality.
Cross-Listing: None
Prerequisite/Co-Requisite: None
Semester Credit Hours: 3

167) That a new course entitled CLC 406: Putting Arts to Work III be approved.

CLC 406 – PUTTING ARTS TO WORK III

Following on CLC 306, this course guides students through the development of a second, more ambitious project. Included in the course are an introduction to project management concepts and methods, with instruction on the process of developing a business plan, and an introduction to some of the fundamental techniques of modern marketing. Team projects require students to apply what they have learned to the work of community organizations. Each year, these course outcomes will be achieved through the study of different sets of social and cultural themes.
Cross-Listing: None
Prerequisite/Co-Requisite: CLC 306: Putting Arts to Work II or permission of the course instructor
Semester Credit Hours: 3

168) That a new course entitled CLC 407: Work Integrated Practicum be approved.

CLC 407-WORK INTEGRATED PRACTICUM
In this course theory and professional practice are combined. Students work in an approved agency or professional workplace for a total of 40 hours. This capstone experience provides students with an opportunity to integrate essential and advanced skills in a field related to their future career interests. While students engage this internship/workplace project on their own, all projects are presented in a public forum.
Cross-Listing: None
Prerequisite/Co-Requisite: CLC 306: Putting Arts to Work II or permission of the course instructor
Semester Credit Hours: 3

169) That a new calendar entry for the Bachelor of Arts degree in Applied Communication, Leadership and Culture be approved.

Applied Communication, Leadership and Culture

Overview

The Applied Communication, Leadership and Culture program explicitly connects the communication skills and leadership training of a Liberal Arts education to successful post-graduation employment. This program is defined by its focus on the transferability of the written, oral and visual communication skills, the critical thinking, and the cultural awareness acquired during a Liberal Arts education to the world beyond academia. Technical skills, work- integrated learning (internships, cooperatives, workplace-generated projects), and career- related mentoring are key components of its design.

Course requirements: Major
All of the following courses are required for a Major in Applied Communication, Leadership and Culture:

English 101: Academic Writing
CLC 106: Putting Arts to Work I
CLC 108: Digital Literacy
University 203: Introduction to Leadership Studies
English 234: Public Speaking
CLC 209: Digital Humanities
University 303: Leadership Theory and Practice
CLC 306: Putting Arts to Work II
CLC 308: Leadership for a Changing World
English 381: Professional Writing
Arts 401: Capstone Arts
English 404: Communication and Rhetoric: Capstone Writing
CLC 406: Putting Arts to Work III
CLC 407: Work Integrated Practicum

Major co-requisite:
Additionally, either UPEI 102 OR UPEI 103 should be taken as a co-requisite.

Course requirements: Minor
All of the following courses are required for a Minor in Applied Communication, Leadership and Culture:

CLC 106: Putting Arts to Work I
CLC 108: Digital Literacy
CLC 306: Putting Arts to Work II
CLC 406: Putting Arts to Work III
University 203: Introduction to Leadership Studies
either English 234: Public Speaking or English 381: Professional Writing
and
either CLC 308: Leadership for a Changing World OR University 303: Leadership Theory and Practice are required for the Minor in ACLC.

Minor co-requisites:
English 101: Academic Writing and either UPEI 102 OR UPEI 103 should be taken as co-requisites.

170) That the changes to Academic Regulation 5 – Course Load be approved as presented.
(Deferred to next Senate meeting)

171) That the changes to Academic Regulation 20 – Academic Dishonesty be approved as presented.
(Deferred to next Senate meeting)

Motion (K. Gottschall-Pass/A. MacFarlane) to extend the meeting to 5:15 pm. CARRIED

c) Committee for Emerita (us) Status Report

Motion (R. Gilmour/M. Murray) that Senate approve the recommendation of the Committee for Emerita (us) Status to award the status of Professor Emeritus to Dr. Tim Ogilvie and to award the status of Librarian Emeritus to Ms. Betty Jeffery. CARRIED

6. Annual Reports

The annual report for the Senate Committee on the Enhancement of Teaching (2016-2017) was provided to Senators for information.

7. Other Business

President Abd-El-Aziz informed Senators that the Registrar, Ms. Kathleen Kielly, is planning to retire in June 2018. To provide for a smooth transition, and recognizing the significant work underway with a new student information system, we will commence a search for a Registrar as soon as possible. We hope to have someone in place shortly to allow for an overlap with Kathy until her retirement date. A search committee will be struck soon to focus on the advertisement for the position.

The President acknowledged that this was the last Senate meeting for our current student members. He thanked the students for their contribution and the value they bring to the University's academic planning.

8. Adjournment

MOTION (M. Murray/Z Jarvis) that the meeting be adjourned at 5:12 p.m.

Respectfully Submitted

Kathleen Kielly
Secretary of Senate