

University of Prince Edward Island Senate

May 4, 2020: An e-vote was conducted on the following motion:

MOVED by Dr. Kathy Gottschall-Pass, SECONDED by Dr. Christina Murray that the Sixth Curriculum, be approved as circulated. CARRIED.

Attachment: Sixth Curriculum Report May 8, 2020

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Summary of Faculty of Arts Motions #'s 1-6

**Faculty of Arts
Summary of Calendar and Curriculum Changes**

1. New course proposal HIST 4740
2. Calendar Change in History Major
3. Course description change ACLC 1060
4. Course description change ACLC 3060
5. Course description change ACLC 4060
6. Course description change ACLC 4070

NEW COURSE PROPOSAL

Motion #1

Faculty/School: **Arts**

Department/Program(s): **History**

MOTION: That a new course HIST 4740 The Hidden Histories of Objects be approved as proposed.

Course Number and Title	HIST 4740 The Hidden Histories of Objects
Description	This course introduces students to the study of material culture in historical research. The course uncovers the hidden stories embedded in everyday objects – how they were made, used, and what they reveal about the relationships and values of ordinary people in the past. Students work directly with historical artifacts from local museum collections, and are introduced to practices and skills in museum and heritage professions. Some classes are held off campus to facilitate research and visits to local museums.
Cross-Listing	N/A
Prerequisite/Co-Requisite	Permission of the Instructor
Credit(s)	3
Notation	Lecture/seminar 3 hours

This is: An Elective Course

Grade Mode: Numeric (Standard)

Anticipated Enrolment: 8 **Is there an Enrolment Cap:** Yes

If there is an enrolment limit, please explain. To ensure safe handling of valuable historical objects, the number of students will be limited (initially to 8). There are a limited number of students that can be accommodated in museum facilities, conservation labs, etc. The enrolment cap has been determined in consultation with museum staff who will be working with students and the artifacts. As students will be working with valuable artefacts and partner institutions instructor permission is required for enrolment.

Rationale for New Course: Course will provide students with valuable experiential and work-related learning opportunities as well as deepening partnerships between UPEI and local heritage organizations. A “compact” version of this artifact study has been carried out in HIST 2110 (History Workshop: Research Methods) and has proven very effective in engaging students in historical research.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

NEW COURSE PROPOSAL

Motion #1

Resources Required: Partnerships with local heritage organizations. A limited number of new book purchases for the Library.

In offering this course will UPEI require facilities or staff at other institutions: Yes

If yes, please explain. Students will be carrying out research using artifacts from local heritage organizations. Staff from the PEI Museum and Heritage Foundation will provide expertise and guidance for some classes that will be held off campus at museum facilities. PEIMHF staff have been consulted and are enthusiastic supporters of this initiative. This consultation work falls within their mandate for public education and engagement.

Authorization	Date:
Departmental Approval: Dr. James Moran	February 6, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: September/2019

NEW COURSE PROPOSAL

Motion #1

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL**HIST 4740 The Hidden Histories of Objects**

No additional Library resources are required for the proposed course: we are already committed, through our Prince Edward Island Collection, to acquiring all PEI-related publications.

Library Resource Requirements *(to be completed by the liaison and/or collections librarian)*

Existing resources:

- Collections - Holdings, Subscriptions, Other
- Subscription Dependencies (in interdisciplinary packages)
- Physical Space in Library (other than holdings, explain)
- Library Administrative/Research Support

New resources needed to support this proposal:

- Capital Requirements *(other than new course-specific)*
- Collections:
 - Monographs
 - Subscriptions
 - Databases
 - Other
- Physical Space in Library (other than holdings, explain)
- Library Administrative/Research Support
- Other One-Time or Ongoing Library expenses (e.g. software licenses)

Summary of additional budget allocation required:

- One-time: _____ For each of _____ consecutive years
- Annual: _____
 - Per-year percentage increase in annual: _____

Does the budget allocation for library resources in this proposal meet the requirement?

Date Received by Liaison/Collections Librarian	February 5, 2020
Name of Librarian to be Contacted for Questions	Simon Lloyd
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	February 11, 2020

CALENDAR & CURRICULUM CHANGE

Motion #2

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Arts**

Department/Program(s)/Academic Regulations: **History**

MOTION: To remove the Canadian area of study from the list of areas of study in the requirements for History Majors

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
A major program is complete when a student has successfully completed a minimum of 42 hours of credit in History (14 courses) of which a minimum of 9 hours (3 courses) must be at the 3000 level, and 9 hours (3 courses) must be at the 4000 level. Majors must complete courses totalling 6 semester hours of credit at the 2000-4000 levels in three of the five areas of study: Europe, Britain, the USA, Canada, and Global.	A major program is complete when a student has successfully completed a minimum of 42 hours of credit in History (14 courses) of which a minimum of 9 hours (3 courses) must be at the 3000 level, and 9 hours (3 courses) must be at the 4000 level. Majors must complete courses totalling 6 semester hours of credit at the 2000-4000 levels in <u>one three</u> of the <u>five following</u> areas of study: Europe , Britain, the USA, Canada , and Global.

Rationale for Change: These changes are necessary to update History area breadth requirements. The History department considers HIST 1010 (pre confederation Canada) and HIST 1020 (post confederation Canada) as sufficient requirements to meet the Canadian area of study. HIST1010 and HIST 1020 are already mandatory as requirements for the History major. HIST 2010 (European Civilization 500BCE-1648) and HIST 2020 (European Civilization 1648-present) are also required courses that fulfill the European breadth field. This change allows for students to more easily meet the requirements for the Major program, while also allowing them to take a more diverse selection of courses in history.

Effective Term: FALL 2020

Implications for Other Programs: This change will not affect other programs.

Impact on Students Currently Enrolled: This change will not impact students currently enrolled.

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: James Moran	January 30, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #3

Revision is for a: **Course Description Change**

Faculty/School/Department: **Arts**

Department/Program(s)/Academic Regulations: **Applied Communication, Leadership, and Culture**

MOTION: To change the course description for ACLC 1060: Putting Arts to Work I, as proposed.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>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: 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 learning.</p>	<p>This course examines the history, purpose, and uses of a Liberal Arts education, with a focus on <u>attention to</u> the three key areas identified in the major: communication, leadership, and culture. In this course, students explore the meaning of core Liberal Arts concepts—for example, <u>language, history, and creativity—both in terms of how they are studied in the post-secondary classroom and how they are applied outside the university context. The applied part of the course focuses on</u> community engagement, citizenship and social responsibility. Students are introduced to community-based research, <u>and participatory action research, and community service learning, as well as the use of technology to promote social change.</u> 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 learning. <u>would like a better understanding of Liberal Arts skills and knowledge, particularly in relation to civic engagement.</u></p>

Rationale for Change: All three of the ACLC Putting Arts to Work courses were taught in succession for the first time this year. Upon review, faculty in the program determined that some reorientation of the courses was desirable in order to eliminate repetition and make the most of opportunities to build upon students' previous coursework. This new course description more accurately conveys the new course contents and expected outcomes.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None



CALENDAR & CURRICULUM CHANGE

Motion #3

Authorization	Date:
Departmental Approval: Lisa Chilton	February 11, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #4

Revision is for a: **Course Description Change**

Faculty/School/Department: **Arts**

Department/Program(s)/Academic Regulations: **Applied Communication, Leadership, and Culture**

MOTION: To change the course description for ACLC 3060: Putting Arts to Work II, as proposed.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
Drawing upon skills learned in ACLC 1060 and ACLC 1080, 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.	Drawing upon skills learned in ACLC 1060 and ACLC 1080, this project-based course examines the skills and knowledge necessary to complete an experiential learning project in one of <u>Building on ACLC 1060, students develop a deeper understanding of the Liberal Arts in theoretical, historical, and contemporary contexts. Students also explore 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.</u> Drawing upon skills learned in ACLC 1060 and ACLC 1080, this research-based course examines the skills and knowledge necessary to complete a research project. Each research project explores aspects of the Liberal Arts' intrinsic value, practical applications, social good, and/or personal benefits through a specific theme and primary text(s) of the student's choosing. While each student designs, researches, and presents an independent research project, students are supported by peer workshopping and feedback.

Rationale for Change: All three of the ACLC Putting Arts to Work courses were taught in succession for the first time this year. Upon review, faculty in the program determined that some reorientation of the courses was desirable in order to eliminate repetition and make the most of opportunities to build upon students' previous coursework. This new course description more accurately conveys the new course contents and expected outcomes.

Effective Term: FALL 2020



CALENDAR & CURRICULUM CHANGE

Motion #4

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<i>Authorization</i>	<i>Date:</i>
Departmental Approval: Lisa Chilton	February 11, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: September/2019



CALENDAR & CURRICULUM CHANGE

Motion #5

Revision is for a: **Course Description Change**

Faculty/School/Department: **Arts**

Department/Program(s)/Academic Regulations: **Applied Communication, Leadership, and Culture**

MOTION: To approve the change in course description for ACLC 4060: Putting Arts to Work III.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>Following on ACLC 3060, 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.</p>	<p>Following on <u>the research skills and knowledge gained in ACLC 3060</u>, this course guides students through the <u>development of a second, more ambitious project: design, research, and presentation of a project with application outside the university context.</u> 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. <u>Team projects require students to apply what they have learned to the work of community organizations.</u> Each year, <u>these course outcomes will be achieved through the study of different sets of social and cultural themes.</u> <u>Liberal arts skills and knowledge as well as case studies from related fields, such as arts and culture, heritage, journalism, politics, community organizations, are highlighted.</u> <u>For this applied, experiential project, students are expected to choose a topic on which they have already done considerable theoretical, critical, and/or research work (e.g., a substantial assignment in a previous course).</u></p>

Rationale for Change: All three of the ACLC Putting Arts to Work courses were taught in succession for the first time this year. Upon review, faculty in the program determined that some reorientation of the courses was desirable in order to eliminate repetition and make the most of opportunities to build upon students' previous coursework. This new course description more accurately conveys the new course contents and expected outcomes.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None



CALENDAR & CURRICULUM CHANGE

Motion #5

Authorization	Date:
Departmental Approval: Lisa Chilton	February 11, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #6

Revision is for a: **Pre-requisite Addition/Change**

Faculty/School/Department: **Arts**

Department/Program(s)/Academic Regulations: **Applied Communication, Leadership, and Culture**

MOTION: To approve the change in prerequisite for ACLC 4070: Work Integrated Practicum.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>4070 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 practicum/workplace project on their own, all projects are presented in a public forum. PREREQUISITE: ACLC 3060 or permission of the instructor 3 credit hours</p>	<p>4070 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 practicum/workplace project on their own, all projects are presented in a public forum. Students seeking permission to register in course must submit a practicum proposal. PREREQUISITE: ACLC 3060 or <u>ACLC/UNIV 3030</u> <u>and</u> permission of the instructor 3 credit hours</p>

Rationale for Change: ACLC/UNIV 3030 and ACLC 4070 are both required courses for the ACLC Major. Like ACLC 4070, ACLC/UNIV 3030 includes a work placement component. When designing the ACLC program, we had not anticipated that some students might enrol in both courses at the same time. Taking ACLC/UNIV 3030 and ACLC 4070 concurrently results in serious challenges in terms of securing and managing placements. The new prerequisites are designed to ensure a more logical progression of ACLC courses. The requirement that the student submit a practicum proposal and receive the course director's permission before being admitted into the course is to ensure that the practicum is fully established before the course begins.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Lisa Chilton	February 11, 2020
Faculty/School Approval: Arts Curriculum Committee	February 24, 2020
Faculty Dean's Approval: Neb Kujundzic	February 24, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Summary of Faculty of Education Motion #'s 7-13

1.	New Course Proposals	To approve new courses ED 4961, 4962, 4971, and 4972 as proposed.
2.	Calendar Entry Change	That the list of required courses for the Bachelor of Education program be accepted as submitted
3.	Calendar Entry Change	That the list of required courses for the Bachelor of Education (français langue seconde) program be accepted as submitted.
4.	Calendar Entry Change	That the admission requirements for the MEd program be updated to include two years of education-related experience.



NEW COURSE PROPOSAL

Motion #7

Faculty/School: **Education**

Department/Program(s): **Bachelor of Education**

MOTION: To approve a new core course, ED 4961 Preparation for the Teaching Profession I

Course Number and Title	ED 4961 Preparation for the Teaching Profession I
Description	Through a series of seminars and in-school observation, students will prepare for the role for a professional career. Topics will include teaching philosophy, classroom management and organization, teacher resilience, legal and ethical responsibilities, e-portfolio preparation, preparation for in-school experience, teacher certification, resume writing, questioning and presentation skills. Three credit hours
Cross-Listing	N/A
Prerequisite/Co-Requisite	N/A
Credit(s)	3
Notation	N/A

This is: A Core Course

Grade Mode: Pass/Fail

Anticipated Enrolment: 30 **Is there an Enrolment Cap:** Yes

This course will be cohort specific. It is anticipated that there will be 3 cohorts with a maximum capacity of 30 students each.

Rationale for New Course: Ed 4960 will be split into two 3-credit hour courses, one of which will be seminar (ED 4961) and one of which will be Practicum (ED 4962). To facilitate that change and maintain consistency, the structure of ED 4960 is being altered to mirror that of ED 4970.

Effective Term: SUMMER 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Resources Required: N/A

In offering this course will UPEI require facilities or staff at other institutions: No

If yes, please explain. N/A

Authorization

Date:

Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

NEW COURSE PROPOSAL

Motion #7

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL**ED 4961 Preparation for the Teaching Profession I**Library Resource Requirements *(to be completed by the liaison and/or collections librarian)*

Existing resources:

- Collections:
 - Monographs: the library's print and ebook collections have significant coverage on a wide variety of topics relevant to preparing new teachers for the classroom.
 - Example catalogue search: 625 title results (both print and ebooks) under the subject heading: "Student teaching"
 - Databases: ERIC, Education Research Complete, Education – Line, Explorations in Learning & Instruction: The Theory Into Practice Database, International Children's Digital Library, What Works Clearinghouse (US Dept of Education), Educator's Reference Complete.
- Subscription Dependencies (in interdisciplinary packages): CBCA, PsycINFO, Academic Search Complete, Sage Premier Collection, Gale Virtual Reference Library.
- Physical Space in Library (other than holdings, explain): n/a
- Library Administrative/Research Support: the Education subject librarian supports both student and faculty research and instructional needs as required.

New resources needed to support this proposal:

- Capital Requirements *(other than new course-specific)*
- Collections:
 - Monographs: sufficient
 - Subscriptions: sufficient
 - Databases: sufficient
 - Other: sufficient
- Physical Space in Library (other than holdings, explain): none
- Library Administrative/Research Support: sufficient
- Other One-Time or Ongoing Library expenses (e.g. software licenses): none.

Summary of additional budget allocation required:

- One-time: ____na____ For each of ____ consecutive years
- Annual: ____na____
 - Per-year percentage increase in annual: ____na____

Does the budget allocation for library resources in this proposal meet the requirement?
The current collection satisfies the needs of this course.



UNIVERSITY
of Prince Edward
ISLAND

Academic Planning and Curriculum Committee
March 17, 2020

NEW COURSE PROPOSAL

Motion #7

Date Received by Liaison/Collections Librarian	March 13, 2020
Name of Librarian to be Contacted for Questions	Keltie MacPhail
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	March 16, 2020

Form Version: September/2019

NEW COURSE PROPOSAL

Motion #8

Faculty/School: **Education**

Department/Program(s): **Bachelor of Education**

MOTION: To approve a new core course ED 4962 Practicum I

Course Number and Title	ED 4962 Practicum 1
Description	Students will complete a 9 week teaching placement in a PEI public school with the guidance of a practicum Faculty advisor and a host mentor teacher. Students undertake planning and teaching effective lessons, develop personal classroom management strategies, and use strategies from methods courses to facilitate and assess student learning. Feedback from the host mentor teacher and faculty advisor will inform self- assessment and personal professional growth.
Cross-Listing	N/A
Prerequisite/Co-Requisite	N/A
Credit(s)	3
Notation	N/A

This is: A Core Course

Grade Mode: Pass/Fail

Anticipated Enrolment: 30 **Is there an Enrolment Cap:** Yes

This course will be cohort specific. It is anticipated that there will be 3 cohorts with a maximum capacity of 30 students each.

Rationale for New Course: Ed 4960 will be split into two 3-credit hour courses, one of which will be seminar (ED 4961) and one of which will be Practicum (ED 4962). To facilitate that change and maintain consistency, the structure of ED 4960 is being altered to mirror that of ED 4970.

Effective Term: SUMMER 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Resources Required: N/A

In offering this course will UPEI require facilities or staff at other institutions: Yes

Students will do a nine-week teaching placement in a PEI public school with a volunteer host mentor

Authorization

Date:

Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



NEW COURSE PROPOSAL

Motion #8

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

ED 4962 Practicum 1

Library Resource Requirements *(to be completed by the liaison and/or collections librarian)*

Existing resources:

- Collections:
 - Monographs: the library's print and ebook collections have significant coverage on a wide variety of topics relevant to preparing new teachers for the classroom.
 - Example catalogue searches:
 - 625 titles under the subject heading "student teaching"
 - 497 titles under the subject heading "classroom management"
 - 119 titles under the subject heading "lesson planning"
 - Databases: ERIC, Education Research Complete, Education – Line, Explorations in Learning & Instruction: The Theory Into Practice Database, International Children's Digital Library, What Works Clearinghouse (US Dept of Education), Educator's Reference Complete.
- Subscription Dependencies (in interdisciplinary packages): CBCA, PsycINFO, Academic Search Complete, Sage Premier Collection, Gale Virtual Reference Library.
- Physical Space in Library (other than holdings, explain): n/a
- Library Administrative/Research Support: the Education subject librarian supports both student and faculty research and instructional needs as required.

New resources needed to support this proposal:

- Capital Requirements *(other than new course-specific)*
- Collections:
 - Monographs: sufficient
 - Subscriptions: sufficient
 - Databases: sufficient
 - Other: sufficient
- Physical Space in Library (other than holdings, explain): sufficient
- Library Administrative/Research Support: sufficient
- Other One-Time or Ongoing Library expenses (e.g. software licenses): none

Summary of additional budget allocation required:

- One-time: na For each of consecutive years
- Annual: na
 - Per-year percentage increase in annual:

Does the budget allocation for library resources in this proposal meet the requirement?
The current collection satisfies the needs of this course.



UNIVERSITY
of Prince Edward
ISLAND

Academic Planning and Curriculum Committee

[Click here to enter a date.](#)

NEW COURSE PROPOSAL

Motion #8

Date Received by Liaison/Collections Librarian	March 13, 2020
Name of Librarian to be Contacted for Questions	Keltie MacPhail
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	March 16, 2020

Form Version: September/2019



NEW COURSE PROPOSAL

Motion #9

Faculty/School: **Education**

Department/Program(s): **Bachelor of Education**

MOTION: To approve a new core course ED 4971 Preparation for the Teaching Profession II

Course Number and Title	ED 4971 Preparation for the Teaching Profession II
Description	Through a series of seminars, students will continue preparing for a professional career in education. Topics from ED 4961 will continue to be developed and will also include job interviews, student referrals and supports, relationships within schools and community, and final preparations and submissions of an e-portfolio.
Cross-Listing	N/A
Prerequisite/Co-Requisite	N/A
Credit(s)	3
Notation	N/A

This is: A Core Course

Grade Mode: Pass/Fail

Anticipated Enrolment: 30 **Is there an Enrolment Cap:** Yes

This course will be cohort specific. It is anticipated that there will be 3 cohorts with a maximum capacity of 30 students each.

Rationale for New Course: ED 4970 will be split into two 3-credit hour courses, one of which will be seminar (ED 4971) and one of which will be Practicum (ED 4972).

Effective Term: SUMMER 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Resources Required: N/A

In offering this course will UPEI require facilities or staff at other institutions: No

If yes, please explain. N/A

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCordle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



NEW COURSE PROPOSAL

Motion #9

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

ED 4971 Preparation for the Teaching Profession II

Library Resource Requirements *(to be completed by the liaison and/or collections librarian)*

Existing resources:

- Collections –
 - Monographs: the library's print and ebook collections have significant coverage on a wide variety of topics relevant to preparing new teachers for the classroom.
 - Example catalogue searches:
 - 625 titles under the subject heading "student teaching"
 - 64 titles under the subject heading "parent teacher-relationships"
 - 16 titles under the subject heading "portfolios in education"
 - Databases: ERIC, Education Research Complete, Education – Line, Explorations in Learning & Instruction: The Theory Into Practice Database, International Children's Digital Library, What Works Clearinghouse (US Dept of Education), Educator's Reference Complete.
- Subscription Dependencies (in interdisciplinary packages): CBCA, PsycINFO, Academic Search Complete, Sage Premier Collection, Gale Virtual Reference Library.
- Physical Space in Library (other than holdings, explain): n/a
- Library Administrative/Research Support: the Education subject librarian supports both student and faculty research and instructional needs as required.

New resources needed to support this proposal:

- Capital Requirements *(other than new course-specific)*
- Collections:
 - Monographs: sufficient
 - Subscriptions: sufficient
 - Databases: sufficient
 - Other: sufficient
- Physical Space in Library (other than holdings, explain): sufficient
- Library Administrative/Research Support: sufficient
- Other One-Time or Ongoing Library expenses (e.g. software licenses): none

Summary of additional budget allocation required:

- One-time: ____na____ For each of ____ consecutive years
- Annual: ____na____
 - Per-year percentage increase in annual: ____

Does the budget allocation for library resources in this proposal meet the requirement?
The current collection satisfies the needs of this course



Academic Planning and Curriculum Committee

[Click here to enter a date](#)

NEW COURSE PROPOSAL

Motion #9

Date Received by Liaison/Collections Librarian	March 13, 2020
Name of Librarian to be Contacted for Questions	Keltie MacPhail
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	March 16, 2020

Form Version: September/2019



NEW COURSE PROPOSAL

Motion #10

Faculty/School: **Education**

Department/Program(s): **Bachelor of Education**

MOTION: To approve a new core course ED 4972 Practicum II

Course Number and Title	ED 4972 Practicum II
Description	Students will complete a 10 week teaching placement with the guidance of a Faculty practicum advisor and a host mentor. Students will further develop planning and teaching effective lessons, themes and unit plans, personal classroom management skills, and assessment. Professional growth will be demonstrated through the presentation of an e-portfolio.
Cross-Listing	N/A
Prerequisite/Co-Requisite	ED 4960
Credit(s)	3
Notation	N/A

This is: A Core Course

Grade Mode: Pass/Fail

Anticipated Enrolment: 30 **Is there an Enrolment Cap:** Yes

This course will be cohort specific. It is anticipated that there will be 3 cohorts with a maximum capacity of 30 students each.

Rationale for New Course: ED 4970 will be split into two 3-credit hour courses, one of which will be seminar (ED 4971) and one of which will be Practicum (ED 4972).

Effective Term: SUMMER 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Resources Required: N/A

In offering this course will UPEI require facilities or staff at other institutions: Yes

Students will do a ten-week teaching placement with a volunteer host mentor.

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDoanld, Dean	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



NEW COURSE PROPOSAL

Motion #10

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

ED 4972 Practicum II

Library Resource Requirements *(to be completed by the liaison and/or collections librarian)*

Existing resources:

- Collections:
 - Monographs: the library's print and ebook collections have significant coverage on a wide variety of topics relevant to preparing new teachers for the classroom.
 - Example catalogue searches:
 - 625 titles under the subject heading "student teaching"
 - 497 titles under the subject heading "classroom management"
 - 119 titles under the subject heading "lesson planning"
 - Databases: ERIC, Education Research Complete, Education – Line, Explorations in Learning & Instruction: The Theory Into Practice Database, International Children's Digital Library, What Works Clearinghouse (US Dept of Education), Educator's Reference Complete.
- Subscription Dependencies (in interdisciplinary packages): CBCA, PsycINFO, Academic Search Complete, Sage Premier Collection, Gale Virtual Reference Library.
- Physical Space in Library (other than holdings, explain): n/a
- Library Administrative/Research Support: the Education subject librarian supports both student and faculty research and instructional needs as required.

New resources needed to support this proposal:

- Capital Requirements *(other than new course-specific)*
- Collections:
 - Monographs: sufficient
 - Subscriptions: sufficient
 - Databases: sufficient
 - Other: n/a
- Physical Space in Library (other than holdings, explain): sufficient
- Library Administrative/Research Support: sufficient
- Other One-Time or Ongoing Library expenses (e.g. software licenses): none

Summary of additional budget allocation required:

- One-time: na For each of consecutive years
- Annual: na
 - Per-year percentage increase in annual:

Does the budget allocation for library resources in this proposal meet the requirement?
The current collection satisfies the needs of this course



UNIVERSITY
of Prince Edward
ISLAND

Academic Planning and Curriculum Committee

[Click here to enter a date.](#)

NEW COURSE PROPOSAL

Motion #10

Date Received by Liaison/Collections Librarian	March 13, 2020
Name of Librarian to be Contacted for Questions	Keltie MacPhail
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	March 16, 2020

Form Version: September/2019

CALENDAR & CURRICULUM CHANGE

Motion #11

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Education**

Department/Program(s)/Academic Regulations: **Bachelor of Education**

MOTION: That the list of required courses for the Bachelor of Education program be accepted as submitted.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>REQUIRED COURSES:</p> <p>PRIMARY/ELEMENTARY CONCENTRATION (K – 6) INTERMEDIATE/SENIOR CONCENTRATION (7 – 12)</p> <p>ED 4030 The Arts and Social Transformation ED 4110 Learners and Learning ED 4150 The Diverse and Inclusive Classroom ED 4200 Teaching for Science, Technology, Math, and Engineering (STEM) ED 4490 Introduction to Indigenous Education ED 4630 Perspectives on Culture and Society in Education ED 4640 Educating for Global Citizenship ED 4660 Principles and Practices of Teaching English as Another Language ED 4740 Technology in Education ED 4820 Assessment and Evaluation ED 4960 Teaching Practices I ED 4970 Teaching Practices II</p> <p>PRIMARY/ELEMENTARY CONCENTRATION (K-6)</p> <p>ED 4230 Primary/Elementary Mathematics I ED 4280 Primary/Elementary Mathematics II ED 4320 Primary/Elementary language and Literacies and Multiliteracies I ED 4330 Literacy and Multiliteracies in the Early Years II ED 4450 Primary/Elementary Science ED 4540 Primary/Elementary Social Studies ED 4480 Social Emotional Learning and Children's Mental Health</p> <p>INTERMEDIATE/SENIOR CONCENTRATION</p>	<p>REQUIRED COURSES:</p> <p>PRIMARY/ELEMENTARY CONCENTRATION (K – 6) INTERMEDIATE/SENIOR CONCENTRATION (7 – 12)</p> <p>ED 4030 The Arts and Social Transformation ED 4110 Learners and Learning ED 4150 The Diverse and Inclusive Classroom ED 4200 Teaching for Science, Technology, Math, and Engineering (STEM) ED 4490 Introduction to Indigenous Education ED 4630 Perspectives on Culture and Society in Education ED 4640 Educating for Global Citizenship ED 4660 Principles and Practices of Teaching English as Another Language ED 4740 Technology in Education ED 4820 Assessment and Evaluation <u>ED 4961 Preparation for the Teaching Profession I</u> <u>ED 4962 Practicum I</u> <u>ED 4971 Preparation for the Teaching Profession II</u> <u>ED 4972 Practicum II</u></p> <p>PRIMARY/ELEMENTARY CONCENTRATION (K – 6)</p> <p>ED 4230 Primary/Elementary Mathematics I ED 4280 Primary/Elementary Mathematics II ED 4320 Primary/Elementary language and Literacies and Multiliteracies I ED 4330 Literacy and Multiliteracies in the Early Years II ED 4450 Primary/Elementary Science ED 4540 Primary/Elementary Social Studies ED 4480 Social Emotional Learning and Children's Mental Health</p>



CALENDAR & CURRICULUM CHANGE

Motion #11

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>(7-12)</p> <p>ED 4130 Multiliteracies Across the Curriculum ED 4420 Adolescent Social & Emotional Health ED 4530 Curriculum and Pedagogy</p> <p>Students take 4 of:</p> <p>ED 4260 Intermediate/Senior Mathematics I ED 4270 Intermediate/Senior Mathematics II ED 4360 Intermediate/Senior English I ED 4370 Intermediate/Senior English II ED 4460 Intermediate/Senior Science I ED 4470 Intermediate/Senior Science II ED 4560 Intermediate/Senior Social Studies I ED 4570 Intermediate/Senior Social Studies II</p>	<p>INTERMEDIATE/SENIOR CONCENTRATION (7 - 12)</p> <p>ED 4130 Multiliteracies Across the Curriculum ED 4420 Adolescent Social & Emotional Health ED 4530 Curriculum and Pedagogy</p> <p>Students take 4 of:</p> <p>ED 4260 Intermediate/Senior Mathematics I ED 4270 Intermediate/Senior Mathematics II ED 4360 Intermediate/Senior English I ED 4370 Intermediate/Senior English II ED 4460 Intermediate/Senior Science I ED 4470 Intermediate/Senior Science II ED 4560 Intermediate/Senior Social Studies I ED 4570 Intermediate/Senior Social Studies II</p>

Rationale for Change: Students will now take four 3-credit hour courses rather than two at 6-credit hours each. The course content will remain the same.

Effective Term: SUMMER 2020

Implications for Other Programs: none

Impact on Students Currently Enrolled: none

Authorization

Date:

Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean of Education	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #12

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Education**

Department/Program(s)/Academic Regulations: **Bachelor of Education (français langue seconde)**

MOTION: That the list of required courses for the Bachelor of Education (français langue seconde) program be accepted as submitted.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>REQUIRED COURSES:</p> <p>PRIMARY/ELEMENTARY CONCENTRATION ED 4030 Intégration des arts ED 4060 Comprendre la santé sociale et émotionnelle chez les élèves ED 4110 Learners and Learning ED 4150 Inclusion en salle de classe ED 4200 Teaching for Science, Technology, Engineering and Math (STEM) ED 4230 Primary/Elementary Mathematics I ED 4280 Primary/Elementary Mathematics II ED 4450 Sciences au Primaire ED 4490 Introduction to Indigenous Education ED 4540 Sciences Humaines à l'élémentaire ED 4630 Culture et société ED 4740 Technology in Education ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting ED 4820 Évaluation en salle de classe ED 4880 Littérature I ED 4890 Littérature II ED 4900 Integration de la langue au contenu ED 4960 Séminaire de stage I ED 4970 Séminaire de stage II</p>	<p>REQUIRED COURSES:</p> <p>PRIMARY/ELEMENTARY CONCENTRATION ED 4030 Intégration des arts ED 4060 Comprendre la santé sociale et émotionnelle chez les élèves ED 4110 Learners and Learning ED 4150 Inclusion en salle de classe ED 4200 Teaching for Science, Technology, Engineering and Math (STEM) ED 4230 Primary/Elementary Mathematics I ED 4280 Primary/Elementary Mathematics II ED 4450 Sciences au Primaire ED 4490 Introduction to Indigenous Education ED 4540 Sciences Humaines à l'élémentaire ED 4630 Culture et société ED 4740 Technology in Education ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting ED 4820 Évaluation en salle de classe ED 4880 Littérature I ED 4890 Littérature II ED 4900 Integration de la langue au contenu <u>ED 4961 Préparation pour le professionnel de l'enseignement I</u> <u>ED 4962 Stage I</u> <u>ED 4971 Préparation pour le professionnel de l'enseignement II</u> <u>ED 4972 Stage II</u></p>



CALENDAR & CURRICULUM CHANGE

Motion #12

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>INTERMEDIATE/SENIOR CONCENTRATION (7-12) ED 4030 Intégration des arts ED 4060 Comprendre la santé sociale et émotionnelle chez les élèves ED 4110 Learners and Learning ED 4150 Inclusion en salle de classe ED 4200 Teaching for Science, Technology, Engineering and Math (STEM) ED 4490 Introduction to Indigenous Education ED 4630 Culture et société ED 4640 Educating for Global Citizenship ED 4740 Technology in Education ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting ED 4820 Évaluation en salle de classe ED 4880 Littératie I ED 4900 Integration de la langue au contenu ED 4960 Séminaire de stage I ED 4970 Séminaire de stage II</p> <p>INTERMEDIATE/SENIOR CONCENTRATION (7-12) will take 4 of the following: ED 4560 Sciences Humaines 1 ED 4570 Sciences Humaines 2 ED 4260 Intermediate/Senior Mathematics I ED 4270 Mathes 2 ED 4460 Sciences 1 ED 4470 Sciences 2 ED 4760 French Methods ED 4888 Litteratie – Education en francais II (Intermédiaire/Secondaire)</p>	<p>INTERMEDIATE/SENIOR CONCENTRATION (7-12) ED 4030 Intégration des arts ED 4060 Comprendre la santé sociale et émotionnelle chez les élèves ED 4110 Learners and Learning ED 4150 Inclusion en salle de classe ED 4200 Teaching for Science, Technology, Engineering and Math (STEM) ED 4490 Introduction to Indigenous Education ED 4630 Culture et société ED 4640 Educating for Global Citizenship ED 4740 Technology in Education ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting ED 4820 Évaluation en salle de classe ED 4880 Littératie I <u>ED 4888 Litteratie II – Education en francais II (Intermédiaire/Secondaire)</u> ED 4900 Integration de la langue au contenu <u>ED 4961 Préparation pour le profession d'enseignement I</u> <u>ED 4962 Stage I</u> <u>ED 4971 Préparation pour le profession d'enseignement II</u> <u>ED 4972 Stage II</u></p> <p>INTERMEDIATE/SENIOR CONCENTRATION (7-12) will take 4 of the following: ED 4560 Sciences Humaines 1 ED 4570 Sciences Humaines 2 ED 4260 Intermediate/Senior Mathematics I ED 4270 Mathes 2 ED 4460 Sciences 1 ED 4470 Sciences 2 ED 4760 French Methods ED 4888 Litteratie – Education en francais II (Intermédiaire/Secondaire) <u>ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting</u></p>



CALENDAR & CURRICULUM CHANGE

Motion #12

Rationale for Change: Students will now take four 3-credit hour courses rather than two at 6-credit hours each. ED 4800 and ED 4888 have changed places in the list of required courses for BEd fls Intermediate/Senior students. *ED 4888 – Literacy 2* would benefit all Secondary BEd fls students, not just those with French as a teachable subject. *ED 4800 Teaching in a Core French, Immersion and French First Language in a Minority Context Setting* is better suited and will replace ED 4888 as the second methods course for those with French as a teachable subject.

Effective Term: SUMMER 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: Bachelor of Education Committee	February 11, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean of Education	February 21, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: September/2019



CALENDAR AND CURRICULUM CHANGE

Motion #13

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Education**

Department/Program(s)/Academic Regulations: **Master of Education**

MOTION: To revise the admission requirements for the MEd program.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>Candidates for admission to the MEd program must have demonstrated high academic standing and potential for self-directed, sustained research. Normally, the basic requirement is:</p> <p>i. An undergraduate or graduate degree from an approved university with an average of 70% or higher in the last 20 courses (60 credit hours). An applicant lacking a degree, or an applicant possessing a degree with an academic average under 70%, may be considered for admission under exceptional circumstances. In such cases the Graduate Studies Committee must be satisfied that the student has the capacity to complete graduate work. This capacity could be demonstrated through extensive and relevant professional experiences, leadership, research and publications;</p>	<p>Candidates for admission to the MEd program must have demonstrated high academic standing and potential for self-directed, sustained research. Normally, the basic requirement is:</p> <p>i. An undergraduate or graduate degree from an approved university with an average of 70% or higher in the last 20 courses (60 credit hours). An applicant lacking a degree, or an applicant possessing a degree with an academic average under 70%, may be considered for admission under exceptional circumstances. In such cases the Graduate Studies Committee must be satisfied that the student has the capacity to complete graduate work. This capacity could be demonstrated through extensive and relevant professional experiences, leadership, research and publications;</p> <p><u>ii. at least two years of education-related experience.</u></p>

Rationale for Change: The Master of Education program is a richer experience when students enter the program with a previous background in Education. For the past two years, we have normally not accepted students into our MEd program without the two years' experience. We submit this calendar change to reflect our current practice.

Effective Term: FALL 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Authorization	Date:
Departmental Approval: Education Grad Studies Committee	February 14, 2020
Faculty/School Approval: Faculty of Education Council	February 21, 2020
Faculty Dean's Approval: Dr. Ron MacDonald, Dean of Education	February 21, 2020
Graduate Studies Dean's Approval: Larry Hammell	February 21, 2020
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Summary of Faculty of Nursing Motion #14

Nursing

- Removal of tutorial for NURS 2320 Introductory Pharmacology



CALENDAR & CURRICULUM CHANGE

Motion #14

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Nursing**

Department/Program(s)/Academic Regulations: **Faculty of Nursing**

MOTION: To approve the removal of the tutorial for **NURS 2320 Introductory Pharmacology**

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>NURS 2320 INTRODUCTORY PHARMACOLOGY This course is an introduction to the discipline of pharmacology and the response of the human body to pharmacological agents used to manage disease and promote wellness. The principal objective is to provide an introduction to the pharmacokinetics and pharmacodynamics of each major class of drugs used in nursing practise. As well, clinical case studies are included so the student gains knowledge of nursing assessments of drug efficacy, side effects and drug interactions, special considerations for geriatric and pediatric patients, drugs used in public health, emergencies and over-the-counter medications, and non-pharmacological ways to manage or prevent disease. PREREQUISITES: Biology 1220, Nursing 2030, and 2130. Exceptions are made with permission of the Dean Semester hours of credit: 3 Hours per week: Lecture 3; Tutorial 1</p>	<p>NURS 2320 INTRODUCTORY PHARMACOLOGY This course is an introduction to the discipline of pharmacology and the response of the human body to pharmacological agents used to manage disease and promote wellness. The principal objective is to provide an introduction to the pharmacokinetics and pharmacodynamics of each major class of drugs used in nursing practise. As well, clinical case studies are included so the student gains knowledge of nursing assessments of drug efficacy, side effects and drug interactions, special considerations for geriatric and pediatric patients, drugs used in public health, emergencies and over-the-counter medications, and non-pharmacological ways to manage or prevent disease. PREREQUISITES: Biology 1220, Nursing 2030, and 2130. Exceptions are made with permission of the Dean Semester hours of credit: 3 Hours per week: Lecture 3; Tutorial 4</p>

Rationale for Change: The original purpose of the tutorial was to consolidate student application of pharmacological concepts. This is now incorporated into clinical practice experiences including post-clinical conferences.

Effective Term: FALL 2020

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Authorization	Date:
Departmental Approval: Dr. Jo-Ann MacDonald, Interim Dean	February 5, 2020
Faculty/School Approval: Faculty of Nursing Committee	February 5, 2020
Faculty Dean's Approval: Dr. Jo-Ann MacDonald, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Summary of Faculty of Science Motion #'s 15-32

Chemistry

- To change the course requirements for the Chemistry Minor.

School of Climate Change and Adaptation

- The creation of a special topics course ACC 4130.
- The creation of a directed study course ACC 4150.
- Course title changes for ACC 1020, 2030, 3010, 3020, 3030, 3060, 3080, 3090, 3120, 3140, 4010, 4040, 4060.
- Course title and description changes for ACC 2020 and 3100.
- Revisions to the calendar entry for the revised course titles, sequence, required courses and elective courses.



CALENDAR & CURRICULUM CHANGE

Motion #15

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Chemistry**

MOTION: To change the course requirements for the Chemistry Minor to improve clarity.

<p>Students may obtain a degree with a minor in Chemistry by successfully completing the following courses: Chemistry 1110-1120, Chemistry 2210, Chemistry 2310, Chemistry 2410-2420 or Chemistry 2430, Chemistry 2020, and Chemistry 2720.</p> <p>With permission of the chair, one of the above courses may be replaced with one of the Chemistry 3220, 3310, 3420, 3610 or 3740.</p>	<p>Students may obtain a degree with a minor in Chemistry by successfully completing the following courses:</p> <p>Chemistry 1110 and 1120 Chemistry 2210 Chemistry 2310 Chemistry 2720 AND Chemistry 2020 and 2430 OR Chemistry 2410 and 2420</p> <p>With permission of the chair, one of the above courses may be replaced with one of Chemistry 3220, 3310, 3420, 3610 or 3740.</p>
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Rationale for Change: This amendment, as now presented, was approved by Senate on September 17, 2010 however, in error, was never added to the UPEI Calendar. Subsequent amendments copied the current version of calendar which did not contain these amendments. The Department wishes to have this change implemented.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: Dr. Brian Wagner	January 20, 2020
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Dr. Nola Etkin	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

NEW COURSE PROPOSAL

Motion #16

Faculty/School: **Science**

Department/Program(s): **School of Climate Change and Adaptation**

MOTION: To approve a new course ACC 4130 Special Topics.

Course Number and Title	ACC 4130 Special Topics
Description	A Special Topics course designed to reflect Climate Change.
Cross-Listing	N/A
Prerequisite/Co-Requisite	Third or Fourth year standing in ACC or permission of the instructor
Credit(s)	3
Notation	N/A

This is: An Elective Course

Grade Mode: Numeric (Standard)

Anticipated Enrolment: 40 **Is there an Enrolment Cap:** No

Rationale for New Course: Allow Students to engage in a course in a special topics study of Climate Change area. The flexibility of this offering allows students to engage in a special topic or research area of interest, not currently covered in the general curriculum and outside of the pre-described timeline of the Climate Change and Adaptation degree program.

Effective Term: FALL 2020

Implications for Other Programs: No

Impact on Students Currently Enrolled: No

Resources Required: This course can be alternated with other electives.

In offering this course will UPEI require facilities or staff at other institutions: No

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

NEW COURSE PROPOSAL

Motion #16

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

ACC 4130 Special Topics

Existing resources:

- **Collections**
 - **Books:** The book collection contain 1180 online and print books published since 2015 for a subject search on climate changes or global warming or environmental sciences or climate change mitigation.
 - **Journals:** The Robertson Library provides access to 517 peer reviewed journals within the subject area of environmental sciences. Seventy-five journals have climate in the journal title. The library provides access to 185 of the 229 journals listed in the category of environmental sciences in the 2016 Journal Citation Report.
 - **Databases:** GreenFile; Earth, Atmospheric & Aquatic Science Database (includes ASFA), GeoRef, GeoScienceWorld, Gale GREENR (Global Reference on the Environment, Energy, and Natural Resources), CAB Abstracts, EconLit with Full Text, Gale Environmental Studies and Policy Collection
 - **Videos:** ProQuest Academic Videos Online – 3887 climate change streaming videos,
- Subscription Dependencies (in interdisciplinary packages):
 - ScienceDirect, Wiley, Springer, Academic Search Complete, Business Source and ProQuest Academic Videos Online
- Physical Space in Library (other than holdings, explain) – N/A
- Library Administrative/Research Support
 - The Library hosts a number of projects for UPEI's Climate Lab including the Atlantic Climate Adaptation Solutions Association site, which is a primary document repository for the region (<https://atlanticadaptation.ca/>)
 - The Librarian that works with the Environmental Studies program provides support for the program.

New resources needed to support this proposal:

- Capital Requirements (*other than new course-specific*)
- Collections:
 - Monographs: Sufficient, but dependencies
 - Subscriptions: Sufficient, but dependencies
 - Databases: Sufficient, but dependencies
 - Other: None
- Physical Space in Library (other than holdings, explain)
- Library Administrative/Research Support: None
- Other One-Time or Ongoing Library expenses (e.g. software licenses): None

Summary of additional budget allocation required:

- One-time: 0 For each of 0 consecutive years
- Annual: 0
 - Per-year percentage increase in annual: 0



NEW COURSE PROPOSAL

Motion #16

Does the budget allocation for library resources in this proposal meet the requirement? Yes

Date Received by Liaison/Collections Librarian	February 3, 2020
Name of Librarian to be Contacted for Questions	Kim Mears
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	February 5, 2020

Form Version: January/2020

NEW COURSE PROPOSAL

Motion #17

Faculty/School: **Science**

Department/Program(s): **School of Climate Change and Adaptation**

MOTION: To approve a new course ACC 4150 Directed Studies for the Applied Climate Change and Adaptation degree program.

Course Number and Title	ACC 4150 Directed Studies
Description	These courses may be offered at the discretion of the department to advanced students. Conditions under which they are offered and entry will be subject to the approval of the Associate Dean of the School and the Dean of Science. (See Academic Regulation 9 for regulations Governing Directed Studies)
Cross-Listing	N/A
Prerequisite/Co-Requisite	N/A
Credit(s)	3
Notation	N/A

This is: An Elective Course

Grade Mode: Numeric (Standard)

Anticipated Enrolment: 1 **Is there an Enrolment Cap:** No

Rationale for New Course: Allow Students to engage in a course in a directed study of Climate Change area. The flexibility of this offering allows students to engage in a special topic or research area of interest, not currently covered in the general curriculum and outside of the pre-described timeline of the Climate Change and Adaptation degree program.

Effective Term: FALL 2020

Implications for Other Programs: No

Impact on Students Currently Enrolled: No

Resources Required: None

In offering this course will UPEI require facilities or staff at other institutions: No

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

NEW COURSE PROPOSAL

Motion #17

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

ACC 4150 Directed Studies

Existing resources:

- **Collections**
 - **Books:** The book collection contain 1180 online and print books published since 2015 for a subject search on climate changes or global warming or environmental sciences or climate change mitigation.
 - **Journals:** The Robertson Library provides access to 517 peer reviewed journals within the subject area of environmental sciences. Seventy-five journals have climate in the journal title. The library provides access to 185 of the 229 journals listed in the category of environmental sciences in the 2016 Journal Citation Report.
 - **Databases:** GreenFile; Earth, Atmospheric & Aquatic Science Database (includes ASFA), GeoRef, GeoScienceWorld, Gale GREENR (Global Reference on the Environment, Energy, and Natural Resources), CAB Abstracts, EconLit with Full Text, Gale Environmental Studies and Policy Collection
 - **Videos:** ProQuest Academic Videos Online – 3887 climate change streaming videos,
- **Subscription Dependencies** (in interdisciplinary packages):
 - ScienceDirect, Wiley, Springer, Academic Search Complete, Business Source and ProQuest Academic Videos Online
- **Physical Space in Library** (other than holdings, explain) – N/A
- **Library Administrative/Research Support:**
 - The Library hosts a number of projects for UPEI's Climate Lab including the Atlantic Climate Adaptation Solutions Association site, which is a primary document repository for the region (<https://atlanticadaptation.ca/>)
 - The Librarian that works with the Environmental Studies program provides support for the program.

New resources needed to support this proposal:

- Capital Requirements (*other than new course-specific*)
- Collections:
 - Monographs: Sufficient, but dependencies
 - Subscriptions: Sufficient, but dependencies
 - Databases: Sufficient, but dependencies
 - Other: None
- Physical Space in Library (other than holdings, explain)
- Library Administrative/Research Support: None
- Other One-Time or Ongoing Library expenses (e.g. software licenses): None

Summary of additional budget allocation required:



NEW COURSE PROPOSAL

Motion #17

-
- One-time: 0 For each of 0 consecutive years
 - Annual: 0
 - Per-year percentage increase in annual: 0

Does the budget allocation for library resources in this proposal meet the requirement? Yes

Date Received by Liaison/Collections Librarian	February 3, 2020
Name of Librarian to be Contacted for Questions	Kim Mears
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	February 5, 2020

Form Version: January/2020



CALENDAR & CURRICULUM CHANGE

Motion #18

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 1020 be changed to Introduction to Climate Adaptation Tools and Technologies.

<p>1020 INTRODUCTION TO COMMUNITY CLIMATE PROGRAM TECHNOLOGIES This course provides hands-on experience in utilizing technologies to develop solutions to address climate change. Developing skills in drone technology, video game programming, geographic information systems, global positioning systems, surveillance, and renewable energies, this course examines how technologies can assist in the understanding of the vulnerability, impacts and adaptation to climate change. Three hours a week, field trips; Three semester hours</p>	<p>1020 INTRODUCTION TO COMMUNITY CLIMATE PROGRAM ADAPTATION TOOLS AND TECHNOLOGIES This course provides hands-on experience in utilizing technologies to develop solutions to address climate change. Developing skills in drone technology, video game programming, geographic information systems, global positioning systems, surveillance, and renewable energies, this course examines how technologies can assist in the understanding of the vulnerability, impacts and adaptation to climate change. Three hours a week, field trips; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: January/2020

CALENDAR & CURRICULUM CHANGE

Motion #19

Revision is for a: **Course Description Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 2020 be changed to Canadian Climate Change Policy and Politics and the course description be revised as proposed.

<p>2020 IMPACTS OF CLIMATE POLICY ON ENVIRONMENTAL MANAGEMENT This course surveys how climate change is understood and responded to by governments, political parties, political movements, and the media. Specific topics also covered in this course include international treaties and regulatory agencies dealing with climate change issues, such as greenhouse gas emissions, ocean warming, drought and flood management, coastal erosion, and climate-change refugees. Three hours a week; Three semester hours</p>	<p>2020 IMPACTS OF CANADIAN CLIMATE CHANGE POLICY AND POLITICS ON ENVIRONMENTAL MANAGEMENT This course surveys how climate change is understood and responded to by governments, political parties, political movements, and the media. Specific topics also covered in this course include <u>the impact of</u> international treaties and regulatory agencies dealing with climate change issues, such as greenhouse gas emissions, ocean warming, drought and flood management, coastal erosion, and climate-change refugees. Three hours a week; Three semester hours</p>
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Rationale for Change: New title and course description is more accurate.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: January/2020



CALENDAR & CURRICULUM CHANGE

Motion #20

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 2030 be changed to Indigenous Knowledge and Climate Change.

<p>2030 INDIGENOUS KNOWLEDGE IN CLIMATE CHANGE AND ADAPTATION This course brings knowledge of Canadian Indigenous communities' relationship to the environment as valuable lessons for understanding climate vulnerability, impacts and adaptation. Students will be led by a local First Nations teacher whose valuable insights to implementing efficient uses of our land and spiritual relationships with nature can assist in addressing global sustainability. Three hours a week; Three semester hours</p>	<p>2030 INDIGENOUS KNOWLEDGE IN AND CLIMATE CHANGE AND ADAPTATION This course brings knowledge of Canadian Indigenous communities' relationship to the environment as valuable lessons for understanding climate vulnerability, impacts and adaptation. Students will be led by a local First Nations teacher whose valuable insights to implementing efficient uses of our land and spiritual relationships with nature can assist in addressing global sustainability. Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: January/2020

CALENDAR & CURRICULUM CHANGE

Motion #21

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3010 be changed to Global Climate Systems and Science.

<p>3010 GLOBAL CLIMATE CHANGE VULNERABILITY AND ADAPTATION The course will examine the natural greenhouse effect, and the human contribution to it; how astronomical forces influence the Earth's climate and their cycles; properties of the atmosphere that influence climate; greenhouse gases; and paleological indicators of climate including ice cores, tree rings, sediment cores, etc.; how these indicators are collected; and what they tell us about past temperature changes. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>3010 GLOBAL CLIMATE CHANGE VULNERABILITY AND ADAPTATION <u>SYSTEMS AND SCIENCE</u> The course will examine the natural greenhouse effect, and the human contribution to it; how astronomical forces influence the Earth's climate and their cycles; properties of the atmosphere that influence climate; greenhouse gases; and paleological indicators of climate including ice cores, tree rings, sediment cores, etc.; how these indicators are collected; and what they tell us about past temperature changes. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCadle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

CALENDAR & CURRICULUM CHANGE

Motion #22

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: School of Climate Change and Adaptation

MOTION: That the course title of ACC 3020 be changed to Climate Futures and Modelling.

<p>3020 CLIMATE FUTURE AND MODELLING Students will gain the knowledge and tools necessary to validate climate model outputs against historical observations and produce regional climate change projections. The course will examine greenhouse gas emissions scenarios and their driving of climate models as well as the Intergovernmental Panel on Climate Change's Special Report on Emission Scenarios and the new approaches to future scenarios. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week, alternating classroom and laboratory; Three semester hours</p>	<p>3020 CLIMATE FUTURES AND MODELLING Students will gain the knowledge and tools necessary to validate climate model outputs against historical observations and produce regional climate change projections. The course will examine greenhouse gas emissions scenarios and their driving of climate models as well as the Intergovernmental Panel on Climate Change's Special Report on Emission Scenarios and the new approaches to future scenarios. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week, alternating classroom and laboratory; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #23

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3030 be changed to Climate Change Monitoring.

<p>3030 CLIMATE CHANGE SURVEILLANCE Students will be given the opportunity to understand how the components of climate are monitored instrumentally, the history of written climate archives, and how climate records are organized. They will plan and set up a climate station that reports to a UPEI climate database, access online climate records, quality control climate records, analyze climate trends, and calculate climate indices. PREREQUISITE: ACC 1020; Admission to the ACC Program Three hours lecture, three hours laboratory a week; Three semester hours</p>	<p>3030 CLIMATE CHANGE SURVEILLANCE MONITORING Students will be given the opportunity to understand how the components of climate are monitored instrumentally, the history of written climate archives, and how climate records are organized. They will plan and set up a climate station that reports to a UPEI climate database, access online climate records, quality control climate records, analyze climate trends, and calculate climate indices. PREREQUISITE: ACC 1020; Admission to the ACC Program Three hours lecture, three hours laboratory a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #24

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3060 be changed to Remote Sensing and Climate Change.

<p>3060 VISUALIZATION OF CLIMATE CHANGE An emerging approach to enhancing participation, building awareness and influencing behaviour is the use of 3D landscape visualization to depict past and future scenarios. This course will examine forms of climate change visualization that integrates analytical capabilities of GIS-based software with emotionally-rich and intuitive media and how they are utilized in climate change impact assessment and decision making.</p>	<p>3060 VISUALIZATION OF REMOTE SENSING AND CLIMATE CHANGE An emerging approach to enhancing participation, building awareness and influencing behaviour is the use of 3D landscape visualization to depict past and future scenarios. This course will examine forms of climate change visualization that integrates analytical capabilities of GIS-based software with emotionally-rich and intuitive media and how they are utilized in climate change impact assessment and decision making.</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

Form Version: January/2020



CALENDAR & CURRICULUM CHANGE

Motion #25

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3080 be changed to Reducing Greenhouse Gas Emissions (Climate Mitigation).

<p>3080 REDUCING GREENHOUSE GAS EMISSIONS This course will examine the human sources of greenhouse gas emissions to determine the best approaches for meeting a "safe" or "below dangerous level" of atmospheric concentrations of these gases. Students will assess how to stabilize atmospheric CO2 concentration at no greater than 450ppmv without replacing existing nuclear power capacity as it retires and without resorting to carbon capture and storage. PREREQUISITE: ENV 3110 and ACC 3020; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>3080 REDUCING GREENHOUSE GAS EMISSIONS (CLIMATE MITIGATION) This course will examine the human sources of greenhouse gas emissions to determine the best approaches for meeting a "safe" or "below dangerous level" of atmospheric concentrations of these gases. Students will assess how to stabilize atmospheric CO2 concentration at no greater than 450ppmv without replacing existing nuclear power capacity as it retires and without resorting to carbon capture and storage. PREREQUISITE: ENV 3110 and ACC 3020; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization

Date:

Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #26

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3090 be changed to Geographic Information Systems for Climate Change.

<p>3090 GEOGRAPHIC INFORMATION SYSTEMS FOR CLIMATE CHANGE GEOGRAPHIC INFORMATION</p> <p>Systems are used in planning, facilities management, resource management, business, and applied research applications. The common thread in this diverse range of applications is the need to store, manipulate, and analyze spatial data. Students will learn how to create their own maps, analyze geographic problems, and apply techniques to improve understanding of climate change.</p> <p>PREREQUISITE: Admission to the ACC Program Three hours on-line and three hours laboratory; Three semester hours</p>	<p>3090 GEOGRAPHIC INFORMATION SYSTEMS FOR CLIMATE CHANGE GEOGRAPHIC INFORMATION</p> <p>Systems are used in planning, facilities management, resource management, business, and applied research applications. The common thread in this diverse range of applications is the need to store, manipulate, and analyze spatial data. Students will learn how to create their own maps, analyze geographic problems, and apply techniques to improve understanding of climate change.</p> <p>PREREQUISITE: Admission to the ACC Program Three hours on-line and three hours laboratory; Three semester hours</p>
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Rationale for Change: New title more accurate for course

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<i>Authorization</i>	<i>Date:</i>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #27

Revision is for a: **Course Description Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3100 be changed to Climate Change Impacts on Biodiversity and Ecosystems, and the course description be revised.

<p>3100 CLIMATE CHANGE IMPACTS ON BIODIVERSITY This course will assess biodiversity conservation and policy responses to global climate change; integrate our knowledge of likely future changes on biodiversity; guide the design of adaptation strategies; and establish a framework for future collaborative research on climate change and biodiversity. A field component of the course will establish a biodiversity-monitoring plot using methods developed by The Smithsonian Institution. PREREQUISITE: BIO 3270; Admission to the ACC Program Three hours a week with three hours field/laboratory work; Three semester hours</p>	<p>3100 CLIMATE CHANGE IMPACTS ON BIODIVERSITY AND ECOSYSTEMS This course will assess biodiversity conservation and ecosystem integrity policy responses to global climate change; integrate our knowledge of likely future changes on biodiversity <u>and ecosystems</u>; guide the design of adaptation strategies; and establish a framework for future collaborative research on climate change and biodiversity <u>and ecosystems</u>. A field component of the course will establish a biodiversity-monitoring plot using methods developed by The Smithsonian Institution. PREREQUISITE: BIO 3270; Admission to the ACC Program Three hours a week with three hours field/laboratory work; Three semester hours</p>
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Rationale for Change: New course description more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #28

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3120 be changed to Canadian Climate Change Management.

<p>3120 CLIMATE CHANGE MANAGEMENT AND ADAPTATION IN CANADA This course introduces approaches to environmental management in Canada focused on climate change aspects. Specifically, the course will examine various environmental laws, regulations, policies and legislation; the application of legislation to proposed projects; the principles and fundamentals of completing environmental audits; and the mainstreaming of adaptation into government programming. PREREQUISITE: ACC 2020; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>3120 CANADIAN CLIMATE CHANGE MANAGEMENT AND ADAPTATION IN CANADA This course introduces approaches to environmental management in Canada focused on climate change aspects. Specifically, the course will examine various environmental laws, regulations, policies and legislation; the application of legislation to proposed projects; the principles and fundamentals of completing environmental audits; and the mainstreaming of adaptation into government programming. PREREQUISITE: ACC 2020; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #29

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 3140 be changed to Carbon Pricing Mechanisms and Business Risk Assessments.

<p>3140 BUSINESS RISK ASSESSMENT UNDER CLIMATE CHANGE This interdisciplinary course will provide an understanding of business in the era of climate change by examining the implementation of carbon pricing systems and the need for adaptation measures to address the changing physical and regulatory environments. Specialized activities will focus on the critical role of understanding climate change in business risk assessment using a business sector of each student's choice. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>3140 CARBON PRICING MECHANISMS AND BUSINESS RISK ASSESSMENTS UNDER CLIMATE CHANGE This interdisciplinary course will provide an understanding of business in the era of climate change by examining the implementation of carbon pricing systems and the need for adaptation measures to address the changing physical and regulatory environments. Specialized activities will focus on the critical role of understanding climate change in business risk assessment using a business sector of each student's choice. PREREQUISITE: ENV 3110; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization

Date:

Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #30

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 4010 be changed to Climate Coastal Science.

<p>4010 OCEANS, COASTAL SYSTEMS AND CLIMATE CHANGE This course will examine the impacts of global climate change on the oceans and their implications on fisheries and aquaculture; the influence of ocean basins on climate and the development of coasts; and the use of littoral zones in the assessment of the effects of coastal risks and hazards on shorelines. Students will assess the vulnerability of the local fishery to climate impacts and develop adaptation options. PREREQUISITE: PHYS 2630; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>4010 OCEANS, <u>CLIMATE</u> COASTAL SYSTEMS AND <u>CLIMATE CHANGE</u> SCIENCE This course will examine the impacts of global climate change on the oceans and their implications on fisheries and aquaculture; the influence of ocean basins on climate and the development of coasts; and the use of littoral zones in the assessment of the effects of coastal risks and hazards on shorelines. Students will assess the vulnerability of the local fishery to climate impacts and develop adaptation options. PREREQUISITE: PHYS 2630; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #31

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 4040 be changed to Virtual Reality and Climate Change.

<p>4040 COMPUTER PROGRAMMING TO VISUALIZE CLIMATE CHANGE An emerging approach to enhancing participation and building awareness is the use of 3D landscape visualization to depict past and future scenarios. Following an introduction on the basics and essentials of the Unity gaming software, students will use the imagery data acquired by the drone in ACC 3040 to develop a 3D interactive sea-level rise tool. PREREQUISITE: CS 1910, ACC 3040, ACC 3050 and ACC 3060; Admission to the ACC Program Three on-line hours, three hours laboratory per week; Three semester hours</p>	<p>4040 COMPUTER PROGRAMMING TO VISUALIZE <u>VIRTUAL REALITY AND</u> CLIMATE CHANGE An emerging approach to enhancing participation and building awareness is the use of 3D landscape visualization to depict past and future scenarios. Following an introduction on the basics and essentials of the Unity gaming software, students will use the imagery data acquired by the drone in ACC 3040 to develop a 3D interactive sea-level rise tool. PREREQUISITE: CS 1910, ACC 3040, ACC 3050 and ACC 3060; Admission to the ACC Program Three on-line hours, three hours laboratory per week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020

CALENDAR & CURRICULUM CHANGE

Motion #32

Revision is for a: **Course Title Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: That the course title of ACC 4060 be changed to Measuring Your Carbon Footprint through Carbon Accounting.

<p>4060 MEASURING YOUR CARBON FOOTPRINT THROUGH CARBON ACCOUNTING AND CARBON TRADING This course will examine greenhouse gas emissions accounting and reporting. Students will design and execute greenhouse gas emissions inventories, employing skills including the identification of analysis boundaries, acquisition of data, calculation of emissions levels, and reporting. As a final exercise, the students will also calculate the carbon footprint of individual businesses, companies or public organizations. PREREQUISITE: ACC 3140; Admission to the ACC Program Three hours a week; Three semester hours</p>	<p>4060 MEASURING YOUR CARBON FOOTPRINT THROUGH CARBON ACCOUNTING AND CARBON TRADING This course will examine greenhouse gas emissions accounting and reporting. Students will design and execute greenhouse gas emissions inventories, employing skills including the identification of analysis boundaries, acquisition of data, calculation of emissions levels, and reporting. As a final exercise, the students will also calculate the carbon footprint of individual businesses, companies or public organizations. PREREQUISITE: ACC 3140; Admission to the ACC Program Three hours a week; Three semester hours</p>
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Rationale for Change: New title more accurate for course.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: Adam Fenech/Climate Advisory Cttee	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #33

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **School of Climate Change and Adaptation**

MOTION: To revise course titles, sequence, required courses and elective courses in the calendar entry for the Applied Climate Change and Adaptation degree program.

REQUIRED COURSES FOR APPLIED CLIMATE CHANGE AND ADAPTATION	REQUIRED COURSES FOR APPLIED CLIMATE CHANGE AND ADAPTATION
<ul style="list-style-type: none"> • ACC 1010 Introduction to PEI's Living Climate Lab • ACC 1020 Introduction to Community Climate Program Technologies • ACC 1030 Surveying Cultural Landscapes in the Environmental Humanities • ACC 2020 Impacts of Climate Policy on Environmental Management • ACC 2030 Indigenous Knowledge in Climate Change and Adaptation • ACC 2160 Work Integrated Learning I • ACC 3010 Global Climate Change Vulnerability and Adaptation • ACC 3020 Climate Future and Modelling • ACC 3030 Climate Change Surveillance • ACC 3040 Climate Change Statistics in R • ACC 3050 Renewable Energy and Clean Technologies • ACC 3060 Visualization of Climate Change • ACC 3080 Reducing Greenhouse Gas Emissions • ACC 3090 Geographic Information Systems for Climate Change • ACC 3100 Climate Change Impacts on Biodiversity • ACC 3120 Climate Change Management and Adaptation in Canada • ACC 3140 Business Risk Assessment Under Climate Change • ACC 3160 Work Integrated Learning II • ACC 4010 Oceans, Coastal Systems and Climate Change • ACC 4020 Uncertainty and Probability in Climate Change 	<ul style="list-style-type: none"> • ACC 1010 Introduction to PEI's Living Climate Lab • ACC 1020 Introduction to <u>Community Climate Program Technologies Adaptation Tools and Technologies</u> • ACC 1030 Surveying Cultural Landscapes in the Environmental Humanities • ACC 2020 <u>Impacts of Canadian Climate Change Policy and Politics on Environmental Management</u> • ACC 2030 Indigenous Knowledge <u>in and</u> Climate Change and Adaptation • ACC 2160 Work Integrated Learning I • ACC 3010 Global Climate Change <u>Vulnerability and Adaptation Systems and Science</u> • ACC 3020 Climate Futures and Modelling • ACC 3030 Climate Change <u>Surveillance Monitoring</u> • ACC 3040 Climate Change Statistics in R • ACC 3050 Renewable Energy and Clean Technologies • ACC 3060 <u>Visualization of Remote Sensing and</u> Climate Change • ACC 3080 Reducing Greenhouse Gas Emissions <u>(Climate Mitigation)</u> • ACC 3090 Geographic Information Systems for Climate Change • ACC 3100 Climate Change Impacts on Biodiversity <u>and Ecosystems</u> • ACC 3120 <u>Canadian</u> Climate Change Management and Adaptation in Canada • ACC 3140 <u>Carbon Pricing Mechanisms and</u> Business Risk Assessments Under Climate Change

CALENDAR & CURRICULUM CHANGE

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<ul style="list-style-type: none"> • ACC 4040 Computer Programming to Visualize Climate Change • ACC 4060 Measuring Your Carbon Footprint through Carbon Accounting and Carbon Trading • ACC 4070 Climate Extremes • ACC 4080 Climate Change Impacts and Adaptation • ACC 4090 Climate Change and Sustainable Tourism • ACC 4110 Climate Change and Human Health • ACC 4120 International Climate Diplomacy <p>REQUIRED COURSES FROM OTHER DEPARTMENTS</p> <p>Biology</p> <ul style="list-style-type: none"> • BIO 1010 Current Issues in Environmental Biology • BIO 3270 Field Coastal Ecology <p>Chemistry</p> <ul style="list-style-type: none"> • CHEM 1110 General Chemistry I • CHEM 2020 Environmental Chemistry <p>Environmental Studies</p> <ul style="list-style-type: none"> • ENV 1010 Introduction to Environmental Studies • ENV 3110 Understanding Climate Change <p>Mathematical & Computational Sciences</p> <ul style="list-style-type: none"> • MATH 1910 Single Variable Calculus I • CS 1910 Computer Science I • STAT 1910 Introduction to Probability and Statistics <p>Philosophy</p> <ul style="list-style-type: none"> • PHIL 2030 Environmental Philosophy 	<ul style="list-style-type: none"> • ACC 3160 Work Integrated Learning II • ACC 4010 Oceans, Climate Coastal Systems and Climate Change Science • ACC 4020 Uncertainty and Probability in Climate Change • ACC 4040 Computer Programming to Visualize Virtual Reality and Climate Change • ACC 4060 Measuring Your Carbon Footprint through Carbon Accounting and Carbon Trading • ACC 4070 Climate Extremes • ACC 4080 Climate Change Impacts and Adaptation • ACC 4090 Climate Change and Sustainable Tourism • ACC 4110 Climate Change and Human Health • ACC 4120 International Climate Diplomacy • <u>Two ACC electives at the 4000 level</u> <p>REQUIRED COURSES FROM OTHER DEPARTMENTS</p> <p>Biology</p> <ul style="list-style-type: none"> • BIO 1010 Current Issues in Environmental Biology • BIO 3270 Field Coastal Ecology <p>Chemistry</p> <ul style="list-style-type: none"> • CHEM 1110 General Chemistry I • CHEM 2020 Environmental Chemistry <p>Environmental Studies</p> <ul style="list-style-type: none"> • ENV 1010 Introduction to Environmental Studies • <u>ENV 2120 Earth's Physical Environment</u> • ENV 3110 Understanding Climate Change <p>Mathematical & Computational Sciences</p> <ul style="list-style-type: none"> • MATH <u>1120 Calculus for Managerial</u>
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CALENDAR & CURRICULUM CHANGE

Motion #33

<p>Physics</p> <ul style="list-style-type: none"> • PHYS 2630 Atmospheric and Ocean Physics • UPEI Courses & Writing Intensive Course <p>One of:</p> <p>UPEI 1010 Writing Studies UPEI 1020 Engaging Ideas and Cultural Contexts UPEI 1030 Engaging University Contexts and Experience; AND One writing intensive course</p> <p>ELECTIVE COURSES FROM OTHER DEPARTMENTS</p> <p>Economics</p> <ul style="list-style-type: none"> • ECON 1010 Introductory Microeconomics <p>English</p> <ul style="list-style-type: none"> • ENG 2060 Critical Approaches to Texts I <p>Environmental Studies</p> <ul style="list-style-type: none"> • ENV 2120 Earth's Physical Environment • ENV 3210 Natural Hazards • ENV 3420 Environment and Development • ENV 3510 Sustainable Community Planning <p>History</p> <ul style="list-style-type: none"> • HIST 1010 Canadian History Pre-Confederation <p>Mathematical & Computational Sciences</p> <ul style="list-style-type: none"> • MATH 1920 Single Variable Calculus II <p>Philosophy</p>	<p><u>Social and Life Sciences; or 1910 Single Variable Calculus I</u></p> <ul style="list-style-type: none"> • CS 1910 Computer Science I • STAT 1910 Introduction to Probability and Statistics <p>Philosophy</p> <ul style="list-style-type: none"> • PHIL 3020 (was 2030) Environmental Philosophy <p>Physics</p> <ul style="list-style-type: none"> • PHYS 2630 Atmospheric and Ocean Physics <p>UPEI Courses & Writing Intensive Course One of:</p> <p>UPEI 1010 Writing Studies UPEI 1020 Engaging Ideas and Cultural Contexts UPEI 1030 Engaging University Contexts and Experience; AND One writing intensive course</p> <p>ELECTIVE COURSES FROM OTHER DEPARTMENTS</p> <p><u>Applied Communication, Leadership and Culture</u></p> <ul style="list-style-type: none"> • <u>ACLC 1080 Digital Literacy</u> • <u>ACLC 2030 Introduction to Leadership Studies</u> • <u>ACLC 2090 Digital Humanities</u> <p>Economics</p> <ul style="list-style-type: none"> • ECON 1010 Introductory Microeconomics <p>English</p> <ul style="list-style-type: none"> • ENG 2060 Critical Approaches to Texts I
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CALENDAR & CURRICULUM CHANGE

Motion #33

<ul style="list-style-type: none"> • PHIL 1050 Technology, Values, and Science <p>Physics</p> <ul style="list-style-type: none"> • PHYS 1210 Physics for Life Sciences I <p>Psychology</p> <ul style="list-style-type: none"> • PSY 1010 Introduction to Psychology: Part I <p>Sociology & Anthropology</p> <ul style="list-style-type: none"> • SAN 2660 Science, Culture, and Society <p>COURSE SEQUENCE</p> <p>The following is the sequence for completion of courses</p> <p>Semester 1</p> <ul style="list-style-type: none"> • ACC 1010 Introduction to PEI's Living Climate Lab • CHEM 1110 General Chemistry I • ENV 1010 Introduction to Environmental Studies • MATH 1910 Single Variable Calculus I • One of the following electives: <ul style="list-style-type: none"> ◦ ECON 1010 Introductory Microeconomics ◦ HIST 1010 Canadian History—Pre-Confederation ◦ PHIL 1050 Technology, Values and Society ◦ PHYS 1210 Physics for Life Sciences I ◦ PSY 1010 Introduction to Psychology: Part I <p>Semester 2</p> <ul style="list-style-type: none"> • ACC 1020 Introduction to Community Climate Program Technologies • ACC 2030 Indigenous Knowledge in 	<p>Environmental Studies</p> <ul style="list-style-type: none"> • ENV 2120 Earth's Physical Environment • ENV 3210 Natural Hazards • ENV 3420 Environment and Development • ENV 3510 Sustainable Community Planning <p>History</p> <ul style="list-style-type: none"> • HIST 1010 Canadian History Pre-Confederation <p>Mathematical & Computational Sciences</p> <ul style="list-style-type: none"> • MATH 1920 Single Variable Calculus II <p>Philosophy</p> <ul style="list-style-type: none"> • PHIL 1050 Technology, Values, and Science • <u>PHIL 3020 (was 2030) Environmental Philosophy</u> <p>Physics</p> <ul style="list-style-type: none"> • PHYS 1210 Physics for Life Sciences I <p>Psychology</p> <ul style="list-style-type: none"> • PSY 1010 Introduction to Psychology: Part I <p>Sociology & Anthropology</p> <ul style="list-style-type: none"> • SAN 2660 Science, Culture, and Society <p>COURSE SEQUENCE</p> <p>The following is the sequence for completion of courses</p> <p>Semester Year 1</p> <ul style="list-style-type: none"> • ACC 1010 Introduction to PEI's Living
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CALENDAR & CURRICULUM CHANGE

Motion #33

<p>Climate Change and Adaptation</p> <ul style="list-style-type: none">• BIO 1010 Current Issues in Environmental Biology• CS 1910 Computer Science I• One of the following UPEI courses:<ul style="list-style-type: none">◦ UPEI 1010 Writing Studies◦ UPEI 1020 Engaging Ideas and Cultural Contexts◦ UPEI 1030 Engaging University Contexts and Experiences <p>Semester 3</p> <ul style="list-style-type: none">• CHEM 2020 Environmental Chemistry• STAT 1910 Introduction to Probability and Statistics• PHIL 2030 Environmental Philosophy• PHYS 2630 Atmospheric and Ocean Physics• One of the following electives:<ul style="list-style-type: none">◦ ENG 2060 Critical Approaches to Texts I◦ ENV 2120 Earth's Physical Environment◦ SAN 2660 Science, Culture and Society <p>Semester 4</p> <ul style="list-style-type: none">• ACC 1030 Surveying Cultural Landscapes in the Environmental Humanities• ACC 2020 Impacts of Climate Policy on Environmental Management• BIO 3270 Field Coastal Ecology• ENV 3110 Understanding Climate Change• One of the following electives:<ul style="list-style-type: none">◦ ENV 3210 Natural Hazards◦ ENV 3420 Environment and Development◦ ENV 3510 Sustainable Community Planning◦ MATH 1920 Single Variable Calculus II <p>Summer Session</p>	<p>Climate Lab</p> <ul style="list-style-type: none">• ACC 1020 Introduction to Community Climate Program <u>Adaptation Tools and Technologies</u>• ACC 2030 Indigenous Knowledge in and Climate Change and Adaptation• BIO 1010 Current Issues in Environmental Biology• CHEM 1110 General Chemistry I• CS 1910 Computer Science I• ENV 1010 Introduction to Environmental Studies• MATH <u>1120 Calculus for Managerial, Social and Life Sciences; or</u> 1910 Single Variable Calculus I• One of the following electives:<ul style="list-style-type: none">◦ <u>ACLC 1080 Digital Literacy</u>◦ ECON 1010 Introductory Microeconomics◦ HIST 1010 Canadian History—Pre-Confederation◦ PHIL 1050 Technology, Values and Society◦ PHYS 1210 Physics for Life Sciences I◦ PSY 1010 Introduction to Psychology: Part I <p>Semester 2</p> <ul style="list-style-type: none">• One of the following UPEI courses:<ul style="list-style-type: none">◦ UPEI 1010 Writing Studies◦ UPEI 1020 Engaging Ideas and Cultural Contexts◦ UPEI 1030 Engaging University Contexts and Experiences <p>Semester Year 3 2</p> <ul style="list-style-type: none">• ACC 1030 Surveying Cultural Landscapes in the Environmental Humanities• ACC 2020 Impacts of <u>Canadian</u> Climate Policy <u>and Politics</u> on Environmental Management• BIO 3270 Field Coastal Ecology• CHEM 2020 Environmental Chemistry• ENV 2120 Earth's Physical Environment
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CALENDAR & CURRICULUM CHANGE

Motion #33

<ul style="list-style-type: none"> • ACC 2160 Work Integrated Learning I <p>Semester 5</p> <ul style="list-style-type: none"> • ACC 3010 Global Climate Change Vulnerability and Adaptation • ACC 3020 Climate Future and Modelling • ACC 3030 Climate Change Surveillance • ACC 3050 Renewable Energy and Clean Technologies • ACC 3100 Climate Change Impacts on Biodiversity <p>Semester 6</p> <ul style="list-style-type: none"> • ACC 3040 Climate Change Statistics in R • ACC 3060 Visualization of Climate Change • ACC 3090 Geographic Information Systems for Climate Change • ACC 3120 Climate Change Management and Adaptation in Canada • ACC 3140 Business Risk Assessment Under Climate Change <p>Summer Session</p> <ul style="list-style-type: none"> • ACC 3160 Work Integrated Learning II <p>Semester 7</p> <ul style="list-style-type: none"> • ACC 3080 Reducing Greenhouse Gas Emissions • ACC 4010 Oceans, Coastal Systems and Climate Change • ACC 4020 Uncertainty and Probability in Climate Change • ACC 4040 Computer Programming to Visualize Climate Change • ACC 4090 Climate Change and Sustainable Tourism <p>Semester 8</p> <p>ACC 4060 Measuring Your Carbon Footprint through Carbon Accounting and Carbon Trading</p>	<ul style="list-style-type: none"> • ENV 3110 Understanding Climate Change • PHIL 2030 Environmental Philosophy • PHYS 2630 Atmospheric and Ocean Physics • STAT 1910 Introduction to Probability and Statistics • Two of the following electives: <ul style="list-style-type: none"> ◦ <u>ACLC 2030 Introduction to Leadership Studies</u> ◦ <u>ACLC 2090 Digital Humanities</u> ◦ ENG 2060 Critical Approaches to Texts I ◦ ENV 2120 Earth's Physical Environment ◦ ENV 3210 Natural Hazards ◦ ENV 3420 Environment and Development ◦ ENV 3510 Sustainable Community Planning ◦ MATH 1920 Single Variable Calculus II ◦ <u>PHIL 3020 (was 2030) Environmental Philosophy</u> ◦ SAN 2660 Science, Culture and Society <p>Semester 4</p> <p>Summer Session</p> <ul style="list-style-type: none"> • ACC 2160 Work Integrated Learning I <p>Semester Year 5 3</p> <ul style="list-style-type: none"> • ACC 3010 Global Climate Change Vulnerability and Adaptation <u>Systems and Science</u> • ACC 3020 Climate Futures and Modelling • ACC 3030 Climate Change Surveillance <u>Monitoring</u> • ACC 3040 Climate Change Statistics in R • ACC 3050 Renewable Energy and Clean Technologies • ACC 3060 <u>Visualization of Remote Sensing and Climate Change</u> • ACC 3090 Geographic Information Systems for Climate Change
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CALENDAR & CURRICULUM CHANGE

Motion #33

<p>ACC 4070 Climate Extremes ACC 4080 Climate Change Impact and Adaptation ACC 4110 Climate Change and Human Health ACC 4120 International Climate Diplomacy</p>	<ul style="list-style-type: none"> • ACC 3100 Climate Change Impacts on Biodiversity <u>and Ecosystems</u> • ACC 3120 <u>Canadian</u> Climate Change Management <u>and Adaptation in Canada</u> • ACC 3140 <u>Carbon Pricing Mechanisms</u> <u>and Business Risk Assessments Under Climate Change</u> <p>Semester 6 Summer Session</p> <ul style="list-style-type: none"> • ACC 3160 Work Integrated Learning II <p>Semester Year 7 4</p> <ul style="list-style-type: none"> • ACC 3080 Reducing Greenhouse Gas Emissions (<u>Climate Mitigation</u>) • ACC 4010 <u>Oceans, Climate Coastal Systems and Climate Change Science</u> • ACC 4020 Uncertainty and Probability in Climate Change • ACC 4040 <u>Computer Programming to Visualize Virtual Reality and Climate Change</u> • ACC 4060 Measuring Your Carbon Footprint through Carbon Accounting and <u>Carbon Trading</u> • ACC 4070 Climate Extremes • ACC 4080 Climate Change Impacts and Adaptation • ACC 4090 Climate Change and Sustainable Tourism • ACC 4110 Climate Change and Human Health • ACC 4120 International Climate Diplomacy • <u>Two ACC electives at the 4000 level</u> <p>Semester 8</p>
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Rationale for Change: Revisions of course titles, listing the courses by year and the addition of more elective courses is better for students.

Effective Term: FALL 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None



CALENDAR & CURRICULUM CHANGE

Motion #33

Authorization	Date:
Departmental Approval: Adam Fenech/Climate Advisory Ctte	November 27, 2019
Faculty/School Approval: Science Council	February 5, 2020
Faculty Dean's Approval: Nola Etkin, Interim Dean	February 5, 2020
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 11, 2020
APCC Meeting Date Approval	March 17, 2020



CALENDAR & CURRICULUM CHANGE

Motion #34

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Education**

Department/Program(s)/Academic Regulations: **Bachelor of Education**

MOTION: To have the changes to the admission requirements for the Bachelor of Education primary/elementary cohort be approved as proposed.

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>(ii) Admission Requirements</p> <p>Applicants must have completed the requirements for their undergraduate degree from an approved registered university and have the degree conferred before June 30.</p> <p>Applicants must have an overall average of not less than 70% (at least between C+ and B-) computed on the 20 highest grades of the last 22 courses (3 semester hour of credit). Applicants who have an average of less than 70% may be considered on a case-by-case basis. Graduate study may be taken into consideration for admission requirements.</p> <p>Applicants must have at least 6 semester hours of credit in English or equivalent (at least 3 of which are recommended to be in Composition);</p> <p>Applicants must have at least 6 hours of credit in Mathematics or Statistics, with either 6 credit hours as part of the undergraduate program OR 3 credit hours as part of the undergraduate program AND Ed 4220 Math for Teachers taken above and beyond the 20 courses required for the BEd.</p> <p>Applicants whose first language is not English must also satisfy the UPEI English Language Proficiency requirements.</p> <p>Applicants must have completed academic courses in subjects taught in the school system which satisfy the requirements for the program level (Primary/Elementary or Intermediate/Senior) into which they seek admission, as follows:</p> <p>(a) Primary/Elementary (K-6)</p> <p>6 credit hours in Social Studies (as listed below);</p> <p>6 credit hours in Science (as listed below); (3 of which</p>	<p>(ii) Admission Requirements</p> <p>Applicants must have completed the requirements for their undergraduate degree from an approved registered university and have the degree conferred before June 30.</p> <p>Applicants must have an overall average of not less than 70% (at least between C+ and B-) computed on the 20 highest grades of the last 22 courses (3 semester hour of credit). Applicants who have an average of less than 70% may be considered on a case-by-case basis. Graduate study may be taken into consideration for admission requirements.</p> <p>Applicants must have at least 6 semester hours of credit in English or equivalent (at least 3 of which are recommended to be in Composition);</p> <p>Applicants must have at least 6 hours of credit in Mathematics or Statistics, with either 6 credit hours as part of the undergraduate program OR 3 credit hours as part of the undergraduate program AND Ed 4220 Math for Teachers taken above and beyond the 20 courses required for the BEd.</p> <p>Applicants whose first language is not English must also satisfy the UPEI English Language Proficiency requirements.</p> <p>Applicants must have completed academic courses in subjects taught in the school system which satisfy the requirements for the program level (Primary/Elementary or Intermediate/Senior) into which they seek admission, as follows:</p> <p>(a) Primary/Elementary (K-6)</p> <p><u>3 credit hours in Math</u></p> <p>6 credit hours in Social Studies (as listed below);</p>



CALENDAR & CURRICULUM CHANGE

Motion #34

<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>must be a lab-based science); and</p> <p>A course in Developmental Psychology or equivalent.</p> <p>Note 1: Applicants are strongly encouraged to take Education 2110 or 2130 (Introduction to Education) at UPEI (or equivalent at other universities) prior to beginning the BEd program. Courses in Fine Arts or Music will also be considered assets.</p> <p>(b) Intermediate/Senior (grades 7-12)</p> <p>Applicants must have appropriate coursework in two defined teachable areas as outlined below:</p> <p>at least 42 credit hours of university coursework in a first teachable area as listed below; and</p> <p>at least 18 credit hours of university coursework in a second teachable area as listed below, preferably in a teachable area different from the first.</p>	<p>6 credit hours in Science (as listed below); (3 of which must be a lab-based science); and</p> <p>A course in Developmental Psychology or equivalent.</p> <p>Note 1: Applicants are strongly encouraged to take Education 2110 or 2130 (Introduction to Education) at UPEI (or equivalent at other universities) prior to beginning the BEd program. Courses in Fine Arts or Music will also be considered assets.</p> <p>(b) Intermediate/Senior (grades 7-12)</p> <p><u>At least 6 credit hours in Math.</u></p> <p>Applicants must have appropriate coursework in two defined teachable areas as outlined below:</p> <p>at least 42 credit hours of university coursework in a first teachable area as listed below; and</p> <p>at least 18 credit hours of university coursework in a second teachable area as listed below, preferably in a teachable area different from the first.</p>

Rationale for Change: ED 4220, Math for Teachers, will be proposed in a future submission to become part of the 60 required credits for the Bachelor of Education degree within the primary/elementary cohort. This course, therefore, must be removed as an option for meeting the Math admission requirement, as was previously allowed. The proposed addition of ED 4220 to the required courses will mean that students in the primary/elementary cohort will receive 9 credit hours in Mathematics while in the BEd. program.

Effective Term: SUMMER 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	Date:
Departmental Approval: BEd Committee	October 23, 2019
Faculty/School Approval: Click here to enter name of approver.	Click here to select approval date.
Faculty Dean's Approval: Click here to enter name of approver.	Click here to select approval date.
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 31, 2020
APCC Meeting Date Approval	March 31, 2020



CALENDAR & CURRICULUM CHANGE

Motion #35

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Education**

Department/Program(s)/Academic Regulations: **Bachelor of Education (fls)**

MOTION: To have the changes to the admission requirements for the Bachelor of Education (fls) primary/elementary cohort be approved as proposed.

Reproduction of Current Calendar Entry	Proposed revision with changes underlined and deletions indicated clearly
<p>(ii) Admission Requirements</p> <ul style="list-style-type: none"> Applicants must have completed the requirements for their undergraduate degree from an approved registered university and have the degree conferred before June 30. Applicants must have an overall average of not less than 70% (at least between C+ and B-) computed on the 20 highest grades of the last 22 courses (3 semester hours of credit each). Applicants who have an average of less than 70% may be considered on a case-by-case basis. Graduate study may be taken into consideration for admission requirements. Applicants must have at least 6 semester hours in French (at least 3 semester hours in a writing-intensive course in any discipline). Applicants whose first language is not English must also satisfy the UPEI English Language Proficiency requirements. Applicants must pass an oral and written proficiency test in French before admission to the specialization is confirmed. At least 6 semester hours of credit in Mathematics or Statistics, with either 6 credits hours as part of the undergraduate program OR 3 credit hours as part of the undergraduate program AND Ed 4220 Math for Teacher taken above and beyond the 20 courses required for the BEd. Applicants must have completed academic courses in subjects taught in the school system which satisfy the requirements for the program level (Primary/Elementary or Intermediate/Senior) into which they seek admission, as follows: <p>(a) Primary/Elementary (K-6)</p> <p>6 credit hours in Social Studies (as listed below);</p>	<p>(ii) Admission Requirements</p> <ul style="list-style-type: none"> Applicants must have completed the requirements for their undergraduate degree from an approved registered university and have the degree conferred before June 30. Applicants must have an overall average of not less than 70% (at least between C+ and B-) computed on the 20 highest grades of the last 22 courses (3 semester hours of credit each). Applicants who have an average of less than 70% may be considered on a case-by-case basis. Graduate study may be taken into consideration for admission requirements. Applicants must have at least 6 semester hours in French (at least 3 semester hours in a writing-intensive course in any discipline). Applicants whose first language is not English must also satisfy the UPEI English Language Proficiency requirements. Applicants must pass an oral and written proficiency test in French before admission to the specialization is confirmed. At least 6 semester hours of credit in Mathematics or Statistics, with either 6 credits hours as part of the undergraduate program OR 3 credit hours as part of the undergraduate program AND Ed 4220 Math for Teacher taken above and beyond the 20 courses required for the BEd. Applicants must have completed academic courses in subjects taught in the school system which satisfy the requirements for the program level (Primary/Elementary or Intermediate/Senior) into which they seek admission, as follows: <p>(a) Primary/Elementary (K-6)</p> <p><u>3 credit hours in Math</u> 6 credit hours in Social Studies (as listed below);</p>



CALENDAR & CURRICULUM CHANGE

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<u>Reproduction of Current Calendar Entry</u>	<u>Proposed revision with changes underlined and deletions indicated clearly</u>
<p>6 credit hours in Science (as listed below); (3 of which must be a lab-based science); and</p> <p>A course in Developmental Psychology or equivalent.</p> <p>Note 1: Applicants are strongly encouraged to take Education 2110 or 2130 (Introduction to Education) at UPEI (or equivalent at other universities) prior to beginning the BEd program. Courses in Fine Arts or Music will also be considered assets.</p> <p>(b) Intermediate/Senior (grades 7-12)</p> <p>Applicants must have appropriate coursework in two defined teachable areas as outlined below:</p> <p>at least 42 credit hours of university coursework in a first teachable area as listed below; and</p> <p>at least 18 credit hours of university coursework in a second teachable area as listed below, preferably in a teachable area different from the first.</p>	<p>6 credit hours in Science (as listed below); (3 of which must be a lab-based science); and</p> <p>A course in Developmental Psychology or equivalent.</p> <p>Note 1: Applicants are strongly encouraged to take Education 2110 or 2130 (Introduction to Education) at UPEI (or equivalent at other universities) prior to beginning the BEd program. Courses in Fine Arts or Music will also be considered assets.</p> <p>(b) Intermediate/Senior (grades 7-12)</p> <p><u>At least 6 credit hours in Math.</u></p> <p>Applicants must have appropriate coursework in two defined teachable areas as outlined below:</p> <p>at least 42 credit hours of university coursework in a first teachable area as listed below; and</p> <p>at least 18 credit hours of university coursework in a second teachable area as listed below, preferably in a <u>teachable area different from the first.</u></p>

Rationale for Change: ED 4220, Math for Teachers, will be proposed in a future submission to become part of the 60 required credits for the Bachelor of Education (fls) degree within the primary/elementary cohort. This course, therefore, must be removed as an option for meeting the Math admission requirement, as was previously allowed. The proposed addition of ED 4220 to the required courses will mean that students in the primary/elementary cohort will receive 9 credit hours in Mathematics while in the BEd (fls) program.

Effective Term: SUMMER 2020

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

<u>Authorization</u>	<u>Date:</u>
Departmental Approval: BEd Committee	October 23, 2019
Faculty/School Approval: Click here to enter name of approver.	Click here to select approval date.
Faculty Dean's Approval: Click here to enter name of approver.	Click here to select approval date.
Graduate Studies Dean's Approval: N/A	N/A
Registrar's Office Approval: Darcy McCardle	March 31, 2020
APCC Meeting Date Approval	March 31, 2020