



The following Motions and Documents were considered by the GFC Programs Committee at its Thursday, September 15, 2022 meeting:

Agenda Title: **Course and Minor Program Changes**

- Business
- Education
- Medicine and Dentistry
- Native Studies
- Nursing
- Science

CARRIED MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached course and minor program change submissions from the Faculties of Business, Education, Medicine and Dentistry, Native Studies, Nursing, and Science.

FINAL Item 5

Agenda Title: **Proposed Revision to the Exploration Credits Policy**

CARRIED MOTION:

THAT the GFC Programs Committee recommend that General Faculties Council approve the revision to the Calendar language for the Exploration Credit Policy as set forth in attachment 1 to take effect upon approval.

FINAL Item 6

Agenda Title: **Duolingo English Test: Recalibration of Test Scores**

CARRIED MOTION:

THAT GFC Programs Committee approve the recalibration of the Duolingo English Test (DET) score thresholds for the Fall 2023/Winter 2024 admissions for undergraduate and graduate applicants.

FINAL Item 7

FINAL Item No. 5

 Governance Executive Summary
 Action Item

Agenda Title	Course and Minor Program Changes <ul style="list-style-type: none"> – Business – Education – Medicine and Dentistry – Native Studies – Nursing – Science
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Motion

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached course and minor program change submissions from the Faculties of Business, Education, Medicine and Dentistry, Native Studies, Nursing, and Science.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Faculty Councils
Presenter(s)	Janice Causgrove Dunn, Vice-Provost (Programs) and Chair, GFC PC

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	To approve course and minor program changes.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>All routine course and minor program changes that do not involve or affect other Faculties or units, and do not form part of a proposal for a new program or a substantive program change, are approved regularly by the GFC Programs Committee in an omnibus motion.</p> <p>See individual item for Faculty Council approval information.</p>
Supplementary Notes and context	<i><This section is for use by University Governance only to outline governance process.></i>

Engagement and Routing (Include meeting dates)

Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity) <For information on the protocol see the Governance Resources section Student Participation Protocol >	<u><i>Those who are actively participating:</i></u> <ul style="list-style-type: none"> • Vice-Provost (Programs) and Chair, GFC Programs Committee • Faculty Councils • Representatives of the Office of the Registrar
	<u><i>Those who have been consulted:</i></u> <ul style="list-style-type: none"> • Program Support Team, Undergraduate and Non-Credit • Graduate Program Support Team
	<u><i>Those who have been informed:</i></u> <ul style="list-style-type: none"> • Items have been posted on the University Governance website for information



Item No. 5

Approval Route (Governance) (including meeting dates)	GFC Programs Committee, September 15, 2022
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Strategic Alignment

Alignment with <i>For the Public Good</i>	Objective 21
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act (PSLA)</i> GFC Programs Committee (PC) Terms of Reference

Attachments:

1. Business
2. Education
3. Medicine and Dentistry
4. Native Studies
5. Nursing
6. Science

Prepared by: Heather Richholt, Assistant Secretary to GFC, heather.richholt@ualberta.ca

Department/Program Office: Undergraduate Program

Change: New Course

In which academic year is this change requested? **2023-2024**

Calendar Copy:

Current:	Proposed: <u>OM 421 – Data Visualization</u>
	<u>★ 3 (fi 6)(EITHER, 3-0-0)</u> Visual displays of quantitative information include charts, tables, maps, dashboards, animations, and more. Such displays can be used to understand, to inform, and to convince. This course will focus on strategies for carefully and clearly communicating analytical findings to the people who need to take action based on them. We will learn to use both basic tools (MS Excel) and advanced tools (Tableau and R) to create visual displays. Evaluation components will include assignments, presentations, and exams (midterm and final exam). <u>Prerequisites: MGTSC 312</u>

Rationale:

This course has been taught twice as a special topics course with three sections of it planned for the 2022-23 academic year. Given demand for this course, and the expectation that this course could be a key component of a future business analytics major, we would like to make it a permanent course.

Submitted by: Michelle Inness
Title: Associate Dean Undergraduate

Date: TBA

Approved by Business Council

Date: TBA

Department/Program Office: Undergraduate Office

Change: Admission Requirement

In which academic year is this change requested? **2022-2023**

Calendar Copy:

<p>Current: BCom (General)</p>	<p>Proposed: BCom (General)</p>
<p>Program Information</p> <p>The Bachelor of Commerce Degree (General), the Bilingual Bachelor of Commerce and the Bachelor of Commerce Honors are each four year degree programs that consists of ★120 with specific degree requirements. Students may not normally take coursework extra to the ★120 needed to meet the Bachelor of Commerce degree requirements. The degree includes a foundational year completed at the Faculty of Business for students admitted directly through high school to the Faculty of Business; or at the University of Alberta or approved postsecondary institution for postsecondary transfer students. Students transferring into the program after their first year will receive a minimum of ★24 and a maximum of ★60 in transfer credit. At least ★60 in University of Alberta courses must be successfully completed while the student is registered in the Faculty of Business. The Bachelor of Commerce (After Degree) allows students with a degree from an approved postsecondary institution to obtain a Bachelor of Commerce Degree on completion of between ★45 to ★60 depending on the number of course exemptions and the specific requirements of the chosen Major. Students participating in Cooperative Education complete an additional requirement of three work terms that add an additional year to the program.</p>	<p>Program Information</p> <p>The Bachelor of Commerce Degree (General), the Bilingual Bachelor of Commerce and the Bachelor of Commerce Honors are each four year degree programs that consists of ★120 with specific degree requirements. Students may not normally take coursework extra to the ★120 needed to meet the Bachelor of Commerce degree requirements. The degree includes a foundational year completed at the Faculty of Business for students admitted directly through high school to the Faculty of Business; or at the University of Alberta or approved postsecondary institution for postsecondary transfer students. Students transferring into the program after their first year will receive a minimum of ★24 and a maximum of ★60 in transfer credit. At least ★60 in University of Alberta courses must be successfully completed while the student is registered in the Faculty of Business. The Bachelor of Commerce (After Degree) allows students with a degree from an approved postsecondary institution to obtain a Bachelor of Commerce Degree on completion of between ★45 to ★60 depending on the number of course exemptions and the specific requirements of the chosen Major. Students participating in Cooperative Education complete an additional requirement of three work terms that add an additional year to the program.</p>

Courses in the Faculty of Business

Courses in the Faculty of Business fall into six categories:

1. **Foundational Requirements:** INT D 101, ECON 101, ECON 102, MATH 154 or equivalent, STAT 161 or equivalent, 3 units in 100-level English (except ENGL 150) OR 3 units in 100-level WRS. For post-secondary transfers, ~~completion of these courses or their equivalents~~ is normally a prerequisite to admission to any of the BCom programs. Where a student is deficient in any of these requirements, probationary admission may be granted if the deficient course(s) is/are made up in the first year the student is registered in the Faculty of Business.

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1. **Foundational Requirements:** INT D 101, ECON 101, ECON 102, MATH 154 or equivalent, STAT 161 or equivalent, 3 units in 100-level English (except ENGL 150) OR 3 units in 100-level WRS. For post-secondary transfers or after-degree students, completion of ECON 101, ECON 102, MATH 154 and STAT 161 or their equivalents is normally a prerequisite to admission to any of the BCom programs. Where a student is deficient in any of these requirements, probationary admission may be granted if the deficient course(s) is/are made up in the first year the student is registered in the Faculty of Business. Completion of INT D 101 will be a requirement to be completed in the first year the student is registered in the Faculty of Business and is not a prerequisite for admission.

Rationale: There are three changes here.

First, the new course INT D 101 (Inspired to Dream: Becoming a Leader course) is a Foundational Requirement for all new business students. For post-secondary transfer or after-degree students it will be a program requirement. This is now stated explicitly in the revision (the line added at the end of the description addresses this). This is a unique course offered by the BCom Program and the University of Alberta so cannot be considered an admission prerequisite. An immediate calendar change would be advantageous to students who might be deterred from the BCom on the basis of not having taken INT D 101 or an equivalent.

Second, after-degree students are referred to more explicitly in reference to the prerequisites. This will provide clearer communications to prospective after-degree students.

Third, the prerequisite courses are more explicitly identified in the sentence referring to 'post-secondary transfer or after degree students.' This will achieve separation from the requirements regarding INT D 101, enhancing clarity of communication.

Submitted by:
Michelle Inness, Associate Dean
Undergraduate Programs

Date: May 5, 2022

Approved by Business Council

Calendar Change Request Form for Program and Regulation Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	Alberta School of Business	
Contact Person:	Dr. Michelle Inness	
Level of change (choose one only)	•	Undergraduate X
	•	Graduate
Type of change request (check all that apply)	•	Program
	•	Regulation
For which term is this intended to take effect?	Winter, 2023	
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No	

Rationale

We want to change the program requirements for TYP students to better align with current foundational requirements and to give TYP students an opportunity to engage in Business classes.

Calendar Copy

URL in current Calendar (or leave blank if it is a new page):

<https://calendar.ualberta.ca/content.php?catoid=36&navoid=11184#admission-of-indigenous-applicants>

Current

~~Removed language~~

Completion of a Transition Year Program

General Requirements: Students must normally complete the required courses in Fall/Winter and Spring terms. These courses will be taken through Open Studies.

Note: A limited number of places are available in the required courses.

Faculty Requirements: The specific course and performance requirements to be

Proposed

New language

Completion of a Transition Year Program

General Requirements: Students must normally complete the required courses in Fall/Winter and Spring terms. These courses will be taken through Open Studies.

Note: A limited number of places are available in the required courses.

Faculty Requirements: The specific course and performance requirements to be

<p>considered for admission to each degree program follow:</p> <p>3. Business: BCom</p> <p><i>Course requirement:</i> 15 units of course weight, chosen from</p> <p>i. 6 units in 100-level ENGL: <u>ENGL 125</u> and <u>ENGL 122</u> recommended</p> <p>ii. MATH 113</p> <p>iii. <u>ECON 101/ECON 102</u></p> <p>Note: In order to qualify as a full-time student an additional 3 units must be chosen with approval of the TYP Coordinator.</p> <p><i>Performance requirement:</i> Minimum GPA of 2.3.</p>	<p>considered for admission to each degree program follow:</p> <p>3. Business: BCom</p> <p><i>Course requirement:</i> 18 units of course weight from:</p> <p>a. 3 units in 100-level ENGL or WRS: <u>ENGL 125</u> or <u>WRS 101</u> recommended</p> <p>b. MATH 154</p> <p>c. <u>ECON 101/ECON 102</u></p> <p>d. INTD 101</p> <p>e. BUS 101</p> <p><i>Performance requirement:</i> Minimum GPA of 2.3.</p>

Reviewed/Approved by:

<p>REQUIRED: Faculty Council (or delegate) and approval date, including any partner faculties for combined programs.</p>
<p>Other consultation groups, departments, or internal faculty approving bodies and approval dates.</p>

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: English Language School

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

<u>Current Course Catalogue</u>	<u>Proposed Course Catalogue</u>
<p>EXELP 7150 Pronunciation for Effective Communication</p> <p>This course supports English language learners who want to develop their pronunciation skills for successful interpersonal communication. The course will focus on increasing speech intelligibility, and will draw students' attention to elements of pronunciation that can lead to miscommunication. Students will develop an awareness of their own individual strengths and weaknesses in pronunciation, and will build strategies for expanding their pronunciation skills beyond the classroom.</p>	<p>EXELP 7150 Pronunciation for Effective Communication</p> <p>This course supports international students, educators and professionals who want to develop their pronunciation skills for successful interpersonal communication. The course will focus on increasing speech intelligibility, and will draw students' attention to elements of pronunciation that can lead to miscommunication. Students will develop an awareness of their own individual strengths and weaknesses in pronunciation, and will build strategies for expanding their pronunciation skills beyond the classroom.</p>

Justification: *(Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)*

We wish to broaden the audience for this course to include graduate TAs and professionals in the workplace.

Submitted by: Donald Mason	Signature of Department Chair or Designee	Date: May 2, 2022	UAAC Approval Date: May 26, 2022
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Submit completed, signed pdf and Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council:
 May 26, 2022



Course Outline

Pronunciation for Effective Communication

English Language School, Faculty of Education, University of Alberta

Location: Room # [Number], Enterprise Square

Dates: Start Date [Month, Day, Year] - End Date [Month, Day, Year]

Time: [Time], Monday to Friday

Holiday(s): Date(s)

Total Instructional Hours: 20

Course instructor: [Instructor name]

Instructor contact information: [Email and/or phone and/or office hours]

**Instructors normally respond to student emails within 48 hours.*

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ABOUT THE COURSE

Course Description

This course supports international students, educators and professionals who want to develop their pronunciation skills for successful interpersonal communication. The course will focus on increasing speech intelligibility, and will draw students' attention to elements of pronunciation that can lead to miscommunication. Students will develop an awareness of their own individual strengths and weaknesses in pronunciation, and will build strategies for expanding their pronunciation skills beyond the classroom.

Course Objectives

In this course students will develop:

- An understanding of core elements of pronunciation, including syllable stress, word stress, thought groups, etc.)
- An understanding of their own English pronunciation problems which impede intelligibility
- The ability to discriminate between common “trouble” sounds in the English language
- Tools to monitor and develop their English pronunciation beyond the course

Lesson Topics

Lesson	Topic
1	Using your dictionary & Sounds / Spelling patterns
2	Syllables & word endings
3	Word Stress Patterns
4	Predicting Stress

5	Consonant / Vowel Practice + Midterm Assessment
6	Sentence Focus: Content and Structure Words
7	Intonation I
8	Intonation II
9	Phrasing, Pausing, Linking
10	Strategies for Independent Learning & Shadowing FINAL PRESENTATION One-on-one teacher feedback

Course Structure

Each lesson will feature the activities below. Any variation is at the instructor's discretion.

- Review of the previous lesson
- Featured pronunciation item: introduction and presentation/ explanation
- Featured pronunciation item practice
- Pronunciation logs
- Extra practice with online workbook

Textbook

Grant, L. (2001). *Well Said, Fourth Edition*. Boston: Heinle & Heinle Publisher

Students are expected to purchase their textbooks online prior to the first day of class. They are available at this link <https://englishcentral.net/product/well-said-2nd-edition-ebook/>

COURSE ASSESSMENT AND GRADED ACTIVITIES

Assessment Overview and Weighting

Students will be evaluated with a Pass/Fail grade at the end of the course. Students' performance will be assessed based on their **participation and attendance** (minimum 75% attendance)

There will also be two formal units of assessment: a midterm assessment in Lesson 5, and a final in-class assignment or test in Lesson 10.

Technology

In order for students to successfully participate in remote learning opportunities and courses, the University is making the following minimum computing recommendations:

Current minimum computing recommendations

Students should have access to:

- A computer which can run a currently supported version of Windows or Mac OS
 - Windows (Version 8, 8.1, or 10)
 - Mac (Version 10.13 or higher)
 - 4 GB of RAM
 - 256 GB hard drive
- Wired or wireless network adapter
- Webcam, microphone, and speakers (or headphones/earbuds)

- A printer
- A scanner (or device that can take digital pictures)
- A screen large enough to easily view documents and videos
- The ability to access productivity software such as Google Apps or Microsoft Office

Finally, the English Language School also notes that students are expected to have at least a minimal proficiency in typing on a keyboard. If you are under-confident in your typing abilities, here is a link to Typing Club, a free site where you can learn and practice typing on a keyboard: <https://www.typingclub.com/>

If you are taking the course from outside Canada, you may need a VPN to access some of the course materials. The University of Alberta has a VPN which is freely available to University of Alberta students. This is available here: <https://ist.ualberta.ca/services/networking>

ENGLISH LANGUAGE SCHOOL (ELS) EXPECTATIONS AND POLICY

Attendance & Absences

Attendance and participation in class are integral to successful language learning.

Punctuality

Coming to class late is considered disruptive and interferes with other students' learning. Students who arrive late will only be admitted to class at a time which does not disturb the class e.g. after an activity/quiz/exercise has ended.

Disruptions

Do not bring items to class that are disruptive to your learning or to the learning of others. All cell phones must be silenced during class time.

Class Work & Homework

Missed assignments due to absence are the students' responsibility. If a class is missed, students are encouraged to ask other classmates what homework was assigned that day

Language

The language of communication both in and outside of the classroom is English.

Respect

Classes are made up of students from different backgrounds and viewpoints. It is important to appreciate all individual beliefs/opinions, and their right to be heard. Any racist, sexist, homophobic, or any other kind of discriminatory behavior or language will not be tolerated. No Student shall discriminate against any person or class of persons while participating in University Activities or University-related Functions. (COSB 30.3.4(2) a)

Teacher-Student Communications

An open and respectful communication between the instructor and students is important. If students have any problems or concerns that cause problems with their studies (term assignments, grading, or conflicts with the instructor and/or other students), they should first discuss them with their instructor. After discussing with the instructor, if students still have concerns, they may contact the Team Lead (instructors).

UNIVERSITY AND FACULTY OF EXTENSION POLICY STATEMENTS

Course Outline Policies

Policy about course outlines can be found in §23.4(2) of the University Calendar.

Academic Integrity

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at www.governance.ualberta.ca) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

Recording in the Classroom

Audio or video recording of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Recorded material is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the instructor.

Accommodating Disabilities

If you have a disability or condition that may require some modifications, please contact the Specialized Support and Disabilities Service (2-800 Students' Union Building; PH: (780) 492-3381; TTY: (780) 248-1665) and obtain a determination as to what accommodations should be made. The SSDS office will then provide you with a "letter of introduction" that you should bring to the Office of the Dean of the Faculty of Extension which will ensure that all appropriate arrangements are made for you.

Your @ualberta.ca Email Address

The University of Alberta uses email to communicate important information and notices to our students, and you have been automatically assigned an @ualberta.ca email account. It is your responsibility to check your @ualberta.ca email account regularly or set up email-forwarding from that account to another email account. Visit www.extension.ualberta.ca/email for more information and a walk-through video about setting up email forwarding.

In Case of Emergency

All students attending classes at Enterprise Square and 102 St. Centre MUST be familiar with the Faculty of Extension's Emergency Protocols in the event of a fire or other emergency situation. To review emergency protocols, please visit www.extension.ualberta.ca/safety

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>Course Listings</u> <i>(Use yellow highlight and strike-out for all changes)</i>	PROPOSED <u>Course Listings</u> <i>(Use yellow highlight and underline all additions)</i>
<p>EDFX 450 - Secondary Route: Advanced Field Experience</p> <p>Course Career Undergraduate Units 9 Approved Hours FT IN SCH Fee index 18 Faculty Education Department Educational Field Experiences Typically Offered either term</p> <p>Description Prerequisites: The Introductory Professional Term and *24 in the Major subject area. Corequisites: EDSE 451 and EDSE 4XX (Curriculum and Teaching for Secondary School Majors II). Note: Successful completion of the prerequisites is expected prior to students being granted permission to commence EDFX 450. Requires payment of additional miscellaneous fees. Refer to the Tuition and Fees page in the University</p>	<p>EDFX 450 - Secondary Route: Advanced Field Experience</p> <p>Course Career Undergraduate Units 9 Approved Hours FT IN SCH Fee index 18 Faculty Education Department Educational Field Experiences Typically Offered either term</p> <p>Description Prerequisites: The Introductory Professional Term and *24 in the Major subject area. <u>Corequisite:</u> EDSE 4XX (Curriculum and Teaching for Secondary School Majors II). Note: Successful completion of the prerequisites is expected prior to students being granted permission to commence EDFX 450. Requires payment of additional miscellaneous fees. Refer to the Tuition and Fees page in the University Regulations</p>

Regulations section of the Calendar. Students are not permitted to enroll or work on courses additional to the APT.

section of the Calendar. Students are not permitted to enroll or work on courses additional to the APT.

EDSE 412 - Curriculum and Teaching in Secondary School Art Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major Subject area.

Corequisite: EDSE 451. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 412 - Curriculum and Teaching in Secondary School Art Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major Subject area. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 417 - Curriculum and Teaching for Secondary School Career and Technology Studies Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject. Corequisite:

EDSE 451. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 417 - Curriculum and Teaching for Secondary School Career and Technology Studies Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 422 - Curriculum and Teaching for Secondary School Drama Majors II

Course Career Undergraduate

Units 3

EDSE 422 - Curriculum and Teaching for Secondary School Drama Majors II

Course Career Undergraduate

Units 6

~~Approved Hours 3-0-0~~

~~Fee index 6~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the required Drama courses as specified in Education section of the Calendar under the heading Components of the Program. ~~Corequisite: EDSE 451.~~ Successful completion is expected prior to being granted permission to commence ED FX 450.

EDSE 427 - Curriculum and Teaching for Secondary School English Language Arts Majors II

Course Career Undergraduate

~~Units 3~~

~~Approved Hours 3-0-0~~

~~Fee index 6~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area. ~~Corequisite: EDSE 451.~~ Successful completion is expected prior to being granted permission to commence ED FX 450.

EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II

Course Career Undergraduate

~~Units 3~~

~~Approved Hours 3-0-0~~

~~Fee index 6~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

~~Approved Hours 6-0-0~~

~~Fee index 12~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the required Drama courses as specified in Education section of the Calendar under the heading Components of the Program. Successful completion is expected prior to being granted permission to commence ED FX 450.

EDSE 427 - Curriculum and Teaching for Secondary School English Language Arts Majors II

Course Career Undergraduate

~~Units 6~~

~~Approved Hours 6-0-0~~

~~Fee index 12~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area. Successful completion is expected prior to being granted permission to commence ED FX 450.

EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II

Course Career Undergraduate

~~Units 6~~

~~Approved Hours 6-0-0~~

~~Fee index 12~~

Faculty Education
Department Secondary Education
Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area.

Corequisite: EDSE 451. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 443 - Curriculum and Teaching for Secondary School Music: Wind Band II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered second term

Description

Prerequisites: Introductory Professional term and *24 in the Major subject area to include Music 213, 214 and 315. **Corequisite: EDSE 451.** Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 447 - Curriculum and Teaching for Secondary School Physical Education Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area to include KIN 294 or PAC 101. **Corequisite: EDSE 451.** Successful completion is expected prior to being granted permission to commence EDFX 450.

Prerequisites: Introductory Professional Term and *24 in the Major subject area. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 443 - Curriculum and Teaching for Secondary School Music: Wind Band II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered second term

Description

Prerequisites: Introductory Professional term and *24 in the Major subject area to include Music 213, 214 and 315. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 447 - Curriculum and Teaching for Secondary School Physical Education Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area to include KIN 294 or PAC 101. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Introductory Professional Term and *24 in the Major subject area. Gorequisite: EDSE 451. Successful completion is expected prior to being granted permission to commence EDFX 450. Students may only receive credit for one of EDSE 452, EDSE 455, EDSE 456, or EDSE 460.

EDSE 468 - Curriculum and Teaching for Secondary School Second Language Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area. Gorequisite: EDSE 451. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 473 - Curriculum and Teaching for Secondary School Social Studies Majors II

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Introductory Professional Term and *24 in the Major subject area. Successful completion is expected prior to being granted permission to commence EDFX 450. Students may only receive credit for one of EDSE 452, EDSE 455, EDSE 456, or EDSE 460.

EDSE 468 - Curriculum and Teaching for Secondary School Second Language Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education

Department Secondary Education

Typically Offered either term

Description

Prerequisites: Introductory Professional Term and *24 in the Major subject area. Successful completion is expected prior to being granted permission to commence EDFX 450.

EDSE 473 - Curriculum and Teaching for Secondary School Social Studies Majors II

Course Career Undergraduate

Units 6

Approved Hours 6-0-0

Fee index 12

Faculty Education Department Secondary Education Typically Offered either term Description Prerequisites: Introductory Professional Term and *24 in the Major subject area. Corequisite: EDSE 451 Successful completion is expected prior to being granted permission to commence EDFX 450. -----	Faculty Education Department Secondary Education Typically Offered either term Description Prerequisites: Introductory Professional Term and *24 in the Major subject area. Successful completion is expected prior to being granted permission to commence EDFX 450. -----
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

In this calendar change, the set of course changes includes the following:

- Increases course credit units from 3 to 6 for EDSE 412, 417, 422, 427, 437, 443, 447, 455, 468, 473.
- It removes EDSE 451 as a corequisite for all EDSE 4xx Major II courses (listed above)
- It removes EDSE 451 as a prerequisite for EDFX 450

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf and Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

- September 29, 2021
- October 28, 2021
- November 25, 2021
- January 27, 2022
- February 24, 2022
- March 24, 2022
- April 28, 2022
- May 26, 2022

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 526 – Career Counselling: Theory and Practice</p> <p>This course will examine lifespan career development as a dynamic and holistic enterprise. Topics include theories and techniques of career development, assessment, work-life issues, career-life decision-making and life transitions, with a focus on the practice of career counselling for diverse populations. Restricted to students in the School Counselling, Counselling Psychology, and School and Clinical Child Psychology Master's and Doctoral Programs. <u>Students in other programs may take this course with consent of the Department.</u></p>	<p>EDPY 526 – Career Counselling: Theory and Practice <u>*3 fi 6 (either term, 3-0-0)</u></p> <p>This course will examine lifespan career development as a dynamic and holistic enterprise. Topics include theories and techniques of career development, assessment, work-life issues, career-life decision-making and life transitions, with a focus on the practice of career counselling for diverse populations. Restricted to students in the School Counselling, Counselling Psychology, and School and Clinical Child Psychology Master's and Doctoral Programs. <u>Students from other programs require consent of the Counselling Psychology program.</u></p>

Rationale for Proposal:

As the Faculty of Education is de-departmentalizing, this change will replace Department with the Counselling Psychology program for permission to enroll in the course. There is also a need to ensure that the students in programs with this course have the first priority to access the class, and that other students wishing to take the course be approved by the program prior to enrollment to ensure they have the adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 536 – Ethical and Professional Issues in Psychological Practice</p> <p>This course is designed to increase knowledge of ethical, legal, and professional standards of psychological practice. Priority given to students enrolled in the School and Clinical Child Psychology or Counselling Psychology programs or consent of Department.</p>	<p>EDPY 536 – Ethical and Professional Issues in Psychological Practice <u>*3 fi 6 (either term, 3-0-0)</u></p> <p>This course is designed to increase knowledge of ethical, legal, and professional standards of psychological practice. Priority given to students enrolled in the School and Clinical Child Psychology or Counselling Psychology programs. <u>Students from other programs require consent of the Counselling Psychology program.</u></p>
<p>Rationale for Proposal:</p> <p>As the Faculty of Education is de-departmentalizing, this change will replace Department with the Counselling Psychology program for permission to enroll in the course. There is also a need to ensure that the students in programs with this course as a required course have the first priority to access the class, and that other students wishing to take the course be approved by the program prior to enrollment to ensure they have the adequate background preparation for the course content.</p>	
<p>Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 538 Theory and Practice in Group Counselling This course is designed to develop an understanding of group theory and process and to acquire skills needed in leading a counselling group. Prerequisites or corequisites: EDPY 533 and 534 <u>or consent of Department.</u></p>	<p>EDPY 538 - Theory and Practice in Group Counselling <u>*3 fi 6 (either term, 3-0-0)</u> This course is designed to develop an understanding of group theory and process and to acquire skills needed in leading a counselling group. Prerequisites or corequisites: EDPY 533 and 534. <u>Restricted to students in the Counselling Psychology program. Students from other programs require consent of the Counselling Psychology program.</u></p>
<p>Rationale for Proposal: As the Faculty of Education is de-departmentalizing, this change will replace Department with the Counselling Psychology program for permission to enroll in the course. There is also a need to ensure that the students in programs with this course as a required course have the first priority to access the class, and that other students wishing to take the course be approved by the program prior to enrollment to ensure they have the adequate background preparation for the course content.</p>	
<p>Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 542 – Cross-Cultural Counselling *3 fi 6 (3-0-0) Designed to establish a theoretical and practical understanding of the factors that influence the nature and effectiveness of the cross-cultural counselling process. Includes multicultural counselling competencies, ethics in cross-cultural counselling interactions, models of racial and cultural identity development, multicultural assessment procedures, and culture-specific (emic) and universal (etic) helping styles. <u>Priority given to students enrolled in the School and Clinical Child Psychology, Counselling Psychology or Teaching English as a Second Language programs or consent of Department.</u></p>	<p>EDPY 542 – Cross-Cultural Counselling <u>*3 fi 6 (either term, 3-0-0)</u> Designed to establish a theoretical and practical understanding of the factors that influence the nature and effectiveness of the cross-cultural counselling process. Includes multicultural counselling competencies, ethics in cross-cultural counselling interactions, models of racial and cultural identity development, multicultural assessment procedures, and culture-specific (emic) and universal (etic) helping styles. <u>Priority given to students enrolled in the Counselling Psychology and School and Clinical Child Psychology Programs. Students from other programs require consent of the Counselling Psychology program.</u></p>
<p>Rationale for Proposal: As the Faculty of Education is de-departmentalizing, this change will replace Department with the Counselling Psychology program for permission to enroll in the course. There is also a need to ensure that the students in programs with this course as a required course have the first priority to access the class, and that other students wishing to take the course be approved by the program prior to enrollment to ensure they have the adequate background preparation for the course content.</p>	
<p>Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 573 - Computer-Assisted Language Learning (CALL)★ 3 (fi 6) (either term, 3-0-0) Acquaints students with a wide variety of CALL opportunities available for the English as a Second Language (ESL) classroom, presents guidelines for evaluating CALL resources, and provides a framework for the effective integration of CALL into ESL curricula. Basic familiarity with the computer and the Internet is required. <u>Prerequisite: EDPY 418 or consent of the Department.</u></p>	<p>EDPY 573 - Computer-Assisted Language Learning (CALL) ★ 3 (fi 6) (either term, 3-0-0) Acquaints students with a wide variety of CALL opportunities available for the English as a Second Language (ESL) classroom, presents guidelines for evaluating CALL resources, and provides a framework for the effective integration of CALL into ESL curricula. Basic familiarity with the computer and the Internet is required. <u>Priority given to TESL Diploma, MEd and PhD students. Students from other programs require consent of the TESL program.</u></p>

Rationale for Proposal:

EDPY 418 is no longer considered a prerequisite. EDPY 418 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 581 - Psychological Aspects of Bilingualism and Bilingual Education ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to the study of bilingualism. Deals with the following questions: What is bilingualism? How do we measure bilingualism? How does a person become bilingual? What are the consequences of individual and societal bilingualism? <u>Prerequisite: LING 101 or equivalent.</u></p>	<p>EDPY 581 - Psychological Aspects of Bilingualism and Bilingual Education ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to the study of bilingualism. Deals with the following questions: What is bilingualism? How do we measure bilingualism? How does a person become bilingual? What are the consequences of individual and societal bilingualism? <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>
<p>Rationale for Proposal:</p> <p>LING 101 is no longer considered a prerequisite. LING 101 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.</p> <p>Regarding the addition of “Priority given to TESL Diploma, MEd and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.</p>	
<p>Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 585 - Teaching and Learning Grammar in Second Language Education</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Explores how grammar teaching can be contextualized according to the principles of communicative language teaching. Theories concerning the relationship between adult learners' implicit and explicit knowledge of grammar will be reviewed, and different approaches to grammar instruction will be explored. Prerequisites: EDPY 416, EDPY 417, and EDPY 418 or equivalents, or consent of Department.</p>	<p>EDPY 585 - Teaching and Learning Grammar in Second Language Education</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Explores how grammar teaching can be contextualized according to the principles of communicative language teaching. Theories concerning the relationship between adult learners' implicit and explicit knowledge of grammar will be reviewed, and different approaches to grammar instruction will be explored. <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>

Rationale for Proposal:

EDPY 416, EDPY 417, and EDPY 418 are no longer considered prerequisites. EDPY 416, EDPY 417, and EDPY 418 may be recommended for a student as supplemental but are not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 588 - Teaching English as an International Language</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Issues relating to the teaching of English as a global language are explored. A general approach to analyzing the teaching of English for international communication in different settings is developed. Topics may include: functions of language; diglossia; World Englishes; language endangerment; language planning; communicative language teaching in non-Western settings; content-based instruction; washback in language testing. <u>Prerequisite: LING 101 or equivalent.</u></p>	<p>EDPY 588 - Teaching English as an International Language</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Issues relating to the teaching of English as a global language are explored. A general approach to analyzing the teaching of English for international communication in different settings is developed. Topics may include: functions of language; diglossia; World Englishes; language endangerment; language planning; communicative language teaching in non-Western settings; content-based instruction; washback in language testing. <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>
<p>Rationale for Proposal:</p> <p>LING 101 is no longer considered a prerequisite. LING 101 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.</p> <p>Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.</p>	
<p>Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 590 - Classroom Research Issues in Second Language Learning</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Introduction to applied linguistics research in second or foreign language classrooms. Topics typically include: methods of classroom research; teacher-student interaction; the effect of feedback on learner errors; form-focused instruction; strategy training. Prerequisite: EDPY 418 or equivalent.</p>	<p>EDPY 590 - Classroom Research Issues in Second Language Learning</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Introduction to applied linguistics research in second or foreign language classrooms. Topics typically include: methods of classroom research; teacher-student interaction; the effect of feedback on learner errors; form-focused instruction; strategy training. <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>

Rationale for Proposal:

EDPY 418 is no longer considered a prerequisite. EDPY 418 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 591 - Teaching Literacy and Reading to ESL Learners</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Theory and practice in the instruction of literacy and reading to ESL students. <u>Prerequisite: EDPY 416.</u></p>	<p>EDPY 591 - Teaching Literacy and Reading to ESL Learners</p> <p>★ <i>3fi 6</i> (either term, 3-0-0) Theory and practice in the instruction of literacy and reading to ESL students. <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>

Rationale for Proposal:

EDPY 416 is no longer considered a prerequisite. EDPY 416 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 593 - ESL Assessment and Evaluation ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to assessment practices and procedures in ESL/EFL. <u>Prerequisite: LING 101.</u></p>	<p>EDPY 593 - ESL Assessment and Evaluation ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to assessment practices and procedures in ESL/EFL. <u>Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</u></p>

Rationale for Proposal:

LING 101 is no longer considered a prerequisite. LING 101 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

UNIVERSITY OF ALBERTA

Faculty of Education

CALENDAR CHANGE REQUEST

CURRENT	PROPOSED
<p>EDPY 594 - Teaching Pronunciation to ESL Learners ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to relevant research and specific classroom teaching strategies. Prerequisite: EDPY 416.</p>	<p>EDPY 594 - Teaching Pronunciation to ESL Learners ★ <i>3fi 6</i> (either term, 3-0-0) Introduction to relevant second language pronunciation research and specific classroom teaching strategies. Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program.</p>

Rationale for Proposal:

EDPY 416 is no longer considered a prerequisite. EDPY 416 may be recommended for a student as supplemental but is not necessary to be completed prior to starting the course.

Regarding the addition of “Priority given to TESL Diploma, MEd, and PhD students. Students from other programs require consent of the TESL program”, there is a need to ensure that (a) the students in the TESL program have priority access to the class so they can meet their program requirements, and (b) students from other programs have adequate background preparation for the course content.

Approved: June 6, 2022 by the Faculty of Education Graduate Academic Affairs Council (GAAC)

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
<p><u>Bachelor of Arts (Drama)/Bachelor of Education (Secondary) Combined Degrees Program, BA/BEEd [Education]</u></p> <p><i>(Use yellow highlight and strike out for all changes)</i></p>	<p><u>Bachelor of Arts (Drama)/Bachelor of Education (Secondary) Combined Degrees Program, BA/BEEd [Education]</u></p> <p><i>(Use yellow highlight and underline all additions)</i></p>
<p>Bachelor of Arts (Drama)/Bachelor of Education (Secondary) Combined Degrees Program, BA/BEEd [Education]</p> <p>General Information This Bachelor of Arts/Bachelor of Education Combined Degrees program consists of 150 units normally taken over five years of full-time study. Coursework within the two Faculties is taken concurrently. Students initially apply for admission to the Faculty of Arts and are considered to be registered in that Faculty for the first three years of the program. All qualified Year 3 Bachelor of Arts (Drama)/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education provided a minimum GPA of a 2.3 has been achieved and a minimum of 90 units applicable to this program has been successfully completed. Please note that the Combined BA/BEEd program requires a minimum of 9 units of 400-level DRAMA or above. A recommended program structure is</p>	<p>Bachelor of Arts (Drama)/Bachelor of Education (Secondary) Combined Degrees Program, BA/BEEd [Education]</p> <p>General Information This Bachelor of Arts/Bachelor of Education Combined Degrees program consists of 150 units normally taken over five years of full-time study. Coursework within the two Faculties is taken concurrently. Students initially apply for admission to the Faculty of Arts and are considered to be registered in that Faculty for the first three years of the program. All qualified Year 3 Bachelor of Arts (Drama)/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education provided a minimum GPA of a 2.3 has been achieved and a minimum of 90 units applicable to this program has been successfully completed. Please note that the Combined BA/BEEd program requires a minimum of 9 units of 400-level DRAMA or above. A recommended program structure is</p>

outlined below. Since this program is very tightly constructed, and depends on careful sequencing of DRAMA courses throughout the five years of the program, we strongly encourage students to consult with program advisors prior to making any variations to this program.

For more information, including program requirements, [see Bachelor of Arts in Drama / Bachelor of Education in Secondary Education Combined Degrees Program \[Arts\]](#)

Program Requirements

... no changes until...

Year 4 (30 units) Taken in the Faculty of Education

Term 1 Introductory Professional Term (Fall Term only)

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 322 - Curriculum and Teaching for Secondary School Drama Majors I](#)

Term 2

- [DRAMA 457 - Production/Performance](#) OR other approved 6 units in 400- or 500-level DRAMA
- [EDPS 410 - Ethics and Law in Teaching](#)
- 3 units in options (may include DRAMA)
- 3 units in Minor requirements (see

outlined below. Since this program is very tightly constructed, and depends on careful sequencing of DRAMA courses throughout the five years of the program, we strongly encourage students to consult with program advisors prior to making any variations to this program.

For more information, including program requirements, [see Bachelor of Arts in Drama / Bachelor of Education in Secondary Education Combined Degrees Program \[Arts\]](#)

Program Requirements

... no changes until...

Year 4 (30 units) Taken in the Faculty of Education

Term 1 Introductory Professional Term (Fall Term only)

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 322 - Curriculum and Teaching for Secondary School Drama Majors I](#)

Term 2

- [DRAMA 457 - Production/Performance](#) OR other approved 6 units in 400- or 500-level DRAMA
- [EDPS 410 - Ethics and Law in Teaching](#)
- 3 units in options (may include DRAMA)
- 3 units in Minor requirements (see

<p>Education Chart 2 and consult advisor)</p> <p>Year 5 (30 units) Taken in the Faculty of Education</p> <hr/> <p>Term 1</p> <hr/> <ul style="list-style-type: none"> ● DRAMA 483 - Elements of Directing or other approved 3 units at the 400- or 500-level in DRAMA (see Note 1) ● 3 units in Minor requirements (see Education Chart 2 Requirements for Minor Teaching Subject in the Secondary Education Route and consult advisor) ● EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs ● EDSE 3XX (3 units) (Minor) <p>3 units selected from (see Note 1):</p> <hr/> <ul style="list-style-type: none"> ● DRAMA 327 - Community-Based Theatre ● DRAMA 331 - Movement and Physical Theatre ● DRAMA 407 - Studies in Drama II ● DRAMA 427 - Topics in Community Based and Applied Theatre ● DRAMA 452 - Solo Performance ● DRAMA 453 - Physical Comedy ● DRAMA 454 - Performance Creation ● DRAMA 507 - Senior Projects ● or other approved performer-created theatre course. See Note 1. 	<p>Education Chart 2 and consult advisor)</p> <p>Year 5 (30 units) Taken in the Faculty of Education</p> <hr/> <p>Term 1</p> <hr/> <ul style="list-style-type: none"> ● DRAMA 483 - Elements of Directing or other approved 3 units at the 400- or 500-level in DRAMA (see Note 1) ● 3 units in Minor requirements (see Education Chart 2 Requirements for Minor Teaching Subject in the Secondary Education Route and consult advisor) ● EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs ● EDSE 3XX (3 units) (Minor) <p>3 units selected from (see Note 1):</p> <hr/> <ul style="list-style-type: none"> ● DRAMA 327 - Community-Based Theatre ● DRAMA 331 - Movement and Physical Theatre ● DRAMA 407 - Studies in Drama II ● DRAMA 427 - Topics in Community Based and Applied Theatre ● DRAMA 452 - Solo Performance ● DRAMA 453 - Physical Comedy ● DRAMA 454 - Performance Creation ● DRAMA 507 - Senior Projects ● or other approved performer-created theatre course. See Note 1.
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<p>Term 2 Advanced Professional Term (Winter Term only)</p> <hr/> <ul style="list-style-type: none"> • <u>EDFX 450 - Secondary Route: Advanced Field Experience</u> • <u>EDSE 422 - Curriculum and Teaching for Secondary School Drama Majors II (3 units in Major)</u> • <u>EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term</u> <p>Notes</p> <hr/> <p>1. The Introductory and Advanced Professional Terms can be taken in the same year.</p>	<p>Term 2 Advanced Professional Term (Winter Term only)</p> <hr/> <ul style="list-style-type: none"> • <u>EDFX 450 - Secondary Route: Advanced Field Experience</u> • <u>EDSE 422 - Curriculum and Teaching for Secondary School Drama Majors II (6 units in Major)</u> <p>Notes</p> <hr/> <p>1. The Introductory and Advanced Professional Terms can be taken in the same year.</p>
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: Faculty of Arts has been made aware of the change and has no objections.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduac@ualberta.ca

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- October 28, 2021
- November 25, 2021
- January 27, 2022
- February 24, 2022

March 24, 2022
April 28, 2022
May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>BA (Native Studies)/BEd Five-Year Combined Degrees</u> <i>(Use yellow highlight and strike out for all changes)</i>	PROPOSED <u>BA (Native Studies)/BEd Five-Year Combined Degrees</u> <i>(Use yellow highlight and underline all additions)</i>
<p>BA (Native Studies)/BEd Five-Year Combined Degrees</p> <p>The Bachelor of Arts in Native Studies/Bachelor of Education Combined Degrees allow students to select either the Secondary or the Elementary program route. This degree program consists of 150 units overall. The first three years (90 units) are taken in the Faculty of Native Studies and the last two years (60 units) are taken in the Faculty of Education. Students in these Combined Degrees may choose a Cree Major or a Native Studies Major in the Secondary route. Students are advised to refer to Education Chart 1 when selecting courses for their Education Major Teaching Subject. Students in the Elementary route select a minor in Native Education, Cree Language or Social Studies. The sequencing of courses taken in the program does not allow for much flexibility throughout the five years; therefore, students should plan their programs carefully. Students are advised to follow the prescribed</p>	<p>BA (Native Studies)/BEd Five-Year Combined Degrees</p> <p>The Bachelor of Arts in Native Studies/Bachelor of Education Combined Degrees allow students to select either the Secondary or the Elementary program route. This degree program consists of 150 units overall. The first three years (90 units) are taken in the Faculty of Native Studies and the last two years (60 units) are taken in the Faculty of Education. Students in these Combined Degrees may choose a Cree Major or a Native Studies Major in the Secondary route. Students are advised to refer to Education Chart 1 when selecting courses for their Education Major Teaching Subject. Students in the Elementary route select a minor in Native Education, Cree Language or Social Studies. The sequencing of courses taken in the program does not allow for much flexibility throughout the five years; therefore, students should plan their programs carefully. Students are advised to follow the prescribed</p>

order as closely as possible.

BA/BEd Major Requirements

**BA (Native Studies)/BEd (Secondary)
Combined Degrees: Cree Major
[Education]**

**Year 4 and 5 (60 units) Taken in the Faculty
of Education**

... no changes until...

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms
are normally taken concurrently

Introductory Professional Term (15 units)

- EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term
- EDPY 303 - Educational Assessment
- EDSE 307 - Language, Literacy and Society in Educational Contexts
- EDSE 368 - Curriculum and Teaching for Secondary School Second Language Majors I

Advanced Professional Term (15 units)

- EDFX 450 - Secondary Route: Advanced Field Experience
- ~~EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term~~
- EDSE 468 - Curriculum and Teaching for Secondary School Second Language Majors II

Notes

1. Program Requirements (150 units)
Education Core (48 units)
Native Studies Core (30 units)
Native Studies Major (39 units)
Education Major (33 units)
2. Native Studies Core (30 units)
English (6 units) OR English (3 units)
and WRS (3 units)
Fine Arts or Humanities 2XX/3XX/4XX
(6 units)
Humanities 1XX (6 units)

order as closely as possible.

BA/BEd Major Requirements

**BA (Native Studies)/BEd (Secondary)
Combined Degrees: Cree Major
[Education]**

**Year 4 and 5 (60 units) Taken in the Faculty
of Education**

... no changes until...

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms
are normally taken concurrently

Introductory Professional Term (15 units)

- EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term
- EDPY 303 - Educational Assessment
- EDSE 307 - Language, Literacy and Society in Educational Contexts
- EDSE 368 - Curriculum and Teaching for Secondary School Second Language Majors I

Advanced Professional Term (15 units)

- EDFX 450 - Secondary Route: Advanced Field Experience
- EDSE 468 - Curriculum and Teaching for Secondary School Second Language Majors II **(6 units)**

Notes

1. Program Requirements (150 units)
Education Core (48 units)
Native Studies Core (30 units)
Native Studies Major (39 units)
Education Major (33 units)
2. Native Studies Core (30 units)
English (6 units) OR English (3 units)
and WRS (3 units)
Fine Arts or Humanities 2XX/3XX/4XX
(6 units)
Humanities 1XX (6 units)

<p>Natural Science 1XX (3 units) Social Science 1XX (3 units) Social Science 2XX/3XX/4XX (3 units)</p>	<p>Natural Science 1XX (3 units) Social Science 1XX (3 units) Social Science 2XX/3XX/4XX (3 units)</p>
<p>----- BA/BEd Major Requirements</p>	<p>----- BA/BEd Major Requirements</p>
<p>BA (Native Studies)/BEd (Secondary) Combined Degrees: Native Studies Major [Education]</p>	<p>BA (Native Studies)/BEd (Secondary) Combined Degrees: Native Studies Major [Education]</p>
<p>Year 4 and 5 (60 units) Taken in the Faculty of Education</p> <p><i>... no changes until...</i></p>	<p>Year 4 and 5 (60 units) Taken in the Faculty of Education</p> <p><i>... no changes until...</i></p>
<p>Field Experience Terms (30 units)</p> <p>Courses taken in the Field Experience Terms are normally taken concurrently</p>	<p>Field Experience Terms (30 units)</p> <p>Courses taken in the Field Experience Terms are normally taken concurrently</p>
<p>Introductory Professional Term (15 units)</p> <ul style="list-style-type: none"> • EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term • EDPY 303 - Educational Assessment • EDSE 3XX (Major) (3 units) • EDSE 307 - Language, Literacy and Society in Educational Contexts 	<p>Introductory Professional Term (15 units)</p> <ul style="list-style-type: none"> • EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term • EDPY 303 - Educational Assessment • EDSE 3XX (Major) (3 units) • EDSE 307 - Language, Literacy and Society in Educational Contexts
<p>Advanced Professional Term (15 units)</p> <ul style="list-style-type: none"> • EDFX 450 - Secondary Route: Advanced Field Experience • EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term • EDSE 4XX (Major) (3 units) 	<p>Advanced Professional Term (15 units)</p> <ul style="list-style-type: none"> • EDFX 450 - Secondary Route: Advanced Field Experience • EDSE 4XX (Major) (6 units)
<p>Notes</p> <hr/> <p>1. To ensure timely completion of this program, students should consult with an Academic Advisor before the start of each academic year.</p>	<p>Notes</p> <hr/> <p>1. To ensure timely completion of this program, students should consult with an Academic Advisor before the start of each academic year.</p> <p>2. Students who choose one of the CTS subject areas for their teaching major may be required to extend their</p>

<p>2. Students who choose one of the CTS subject areas for their teaching major may be required to extend their program in order to meet the requirements.</p> <p>3. Program Requirements (150 units) Education Core (48 units) Native Studies Core (30 units) Native Studies Major (39 units) Education Major (33 units)</p> <p>4. Native Studies Core (30 units) Computing (3 units) English (6 units) OR English (3 units) and WRS (3 units) Fine Arts or Humanities 2XX/3XX/4XX (6 units) Humanities 1XX (6 units) Natural Science 1XX (3 units) Social Science 1XX (3 units) Social Science 2XX/3XX/4XX (3 units)</p>	<p>program in order to meet the requirements.</p> <p>3. Program Requirements (150 units) Education Core (48 units) Native Studies Core (30 units) Native Studies Major (39 units) Education Major (33 units)</p> <p>4. Native Studies Core (30 units) Computing (3 units) English (6 units) OR English (3 units) and WRS (3 units) Fine Arts or Humanities 2XX/3XX/4XX (6 units) Humanities 1XX (6 units) Natural Science 1XX (3 units) Social Science 1XX (3 units) Social Science 2XX/3XX/4XX (3 units)</p>
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: Faculty of Native Studies has been made aware of the change and has no objections.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

September 29, 2021

October 28, 2021

November 25, 2021

January 27, 2022
February 24, 2022
March 24, 2022
April 28, 2022
May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>Bachelor of Education in Secondary Education</u> <i>(Use yellow highlight and strike out for all changes)</i>	PROPOSED <u>Bachelor of Education in Secondary Education</u> <i>(Use yellow highlight and underline all additions)</i>
<p>Bachelor of Education in Secondary Education</p> <p>Program Requirements (120 units)</p> <p><i>... no changes until...</i></p> <p>Years 3 and 4 Students should refer to their individual Program Sheets for proper course sequencing.</p> <p>Course Requirements (15 units) Education Elective (3 units) EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Minors (see Note 1a) EDPS 410 - Ethics and Law in Teaching EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs</p>	<p>Bachelor of Education in Secondary Education</p> <p>Program Requirements (120 units)</p> <p><i>... no changes until...</i></p> <p>Years 3 and 4 Students should refer to their individual Program Sheets for proper course sequencing.</p> <p>Course Requirements (15 units) Education Elective (3 units) EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Minors (see Note 1a) EDPS 410 - Ethics and Law in Teaching EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs</p>

EDPY 304 - Adolescent Development and Learning

Field Experience Terms

Courses taken in the Field Experience Terms are normally taken concurrently.

**Introductory Professional Term (15 units)
(see Note 1b)**

EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Majors I

EDPY 303 - Educational Assessment

EDSE 307 - Language, Literacy and Society in Educational Contexts

EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term

**Advanced Professional Term (15 units)
(see Note 1c)**

EDSE 4XX (3 units) Curriculum and Teaching for Secondary School Majors II

EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term

EDFX 450 - Secondary Route: Advanced Field Experience

Notes

1. Notes on courses for major and minor teaching subject:
 - a. 9 units in the minor teaching subject is a prerequisite for EDSE 3XX. See Requirements for Minor Teaching Subject for the specific EDSE 3XX course required.
 - b. 9 units in the major teaching subject and Year 3 Education courses are prerequisites for the Introductory Professional Term. See Requirements for Major Teaching Subject for the specific EDSE 3XX course required

EDPY 304 - Adolescent Development and Learning

Field Experience Terms

Courses taken in the Field Experience Terms are normally taken concurrently.

**Introductory Professional Term (15 units)
(see Note 1b)**

EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Majors I

EDPY 303 - Educational Assessment

EDSE 307 - Language, Literacy and Society in Educational Contexts

EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term

**Advanced Professional Term (15 units)
(see Note 1c)**

EDSE 4XX (6 units) Curriculum and Teaching for Secondary School Majors II

EDFX 450 - Secondary Route: Advanced Field Experience

Notes

1. Notes on courses for major and minor teaching subject:
 - a. 9 units in the minor teaching subject is a prerequisite for EDSE 3XX. See Requirements for Minor Teaching Subject for the specific EDSE 3XX course required.
 - b. 9 units in the major teaching subject and Year 3 Education courses are prerequisites for the Introductory Professional Term. See Requirements for Major Teaching Subject for the specific EDSE 3XX course required
 - c. 24 units in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See

<ul style="list-style-type: none"> c. 24 units in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See Requirements for Major Teaching Subject for the specific EDSE 4XX course required. d. Some Majors may be completed more efficiently by taking specific courses in the first year(s) of study. Students should examine the specific course requirements of each Major when considering their choices. Students should complete the remaining required courses for their Major teaching subject as outlined in Requirements for Major Teaching Subject. e. In addition to the 36 units of Non-Education courses that comprise the Major, 9 units of Curriculum and Teaching courses are associated with the Major which address the program of studies and the processes that facilitate students' learning. f. Some Minors may be completed more efficiently by taking specific courses in the first year(s) of study. Students should examine the specific course requirements of each Minor when considering their choices. Students should complete the remaining required courses for their Minor teaching subject as outlined in 	<p>Requirements for Major Teaching Subject for the specific EDSE 4XX course required.</p> <ul style="list-style-type: none"> d. Some Majors may be completed more efficiently by taking specific courses in the first year(s) of study. Students should examine the specific course requirements of each Major when considering their choices. Students should complete the remaining required courses for their Major teaching subject as outlined in Requirements for Major Teaching Subject. e. In addition to the 36 units of Non-Education courses that comprise the Major, 9 units of Curriculum and Teaching courses are associated with the Major which address the program of studies and the processes that facilitate students' learning. f. Some Minors may be completed more efficiently by taking specific courses in the first year(s) of study. Students should examine the specific course requirements of each Minor when considering their choices. Students should complete the remaining required courses for their Minor teaching subject as outlined in Requirements for Minor Teaching Subject. g. In addition to the 18 units of Non-Education courses that comprise the Minor, 3 units of Curriculum and Teaching courses are associated with
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Requirements for Minor Teaching Subject.

- g. In addition to the 18 units of Non-Education courses that comprise the Minor, 3 units of Curriculum and Teaching courses are associated with the Minor which also address the program of studies and the processes that facilitate students' learning.
2. Students who fulfil the requirement for 6 units in English/French Literature and Composition as part of their Major or Minor (e.g., in English Language Arts or French) may take 6 of open options in lieu of the Literature and Composition requirement.
3. Students enrolled in Field Experience courses should note the following:
 - a. Final examinations in concurrent lecture courses may be scheduled outside designated examination weeks.
 - b. Students may be required to student teach during designated examination weeks.
 - c. Reading Week (Winter Term) may be moved to coincide with school systems' Spring Break.

Career and Technology Studies

Career and Technology Studies (CTS) is an Alberta Education program consisting of numerous one credit courses within five clusters:

- Business, Administration, Finance, and IT (BIT);
- Health, Recreation, and Human Sciences (HRH);
- Media, Design, and Communication Arts (MDC);

the Minor which also address the program of studies and the processes that facilitate students' learning.

2. Students who fulfil the requirement for 6 units in English/French Literature and Composition as part of their Major or Minor (e.g., in English Language Arts or French) may take 6 of open options in lieu of the Literature and Composition requirement.
3. Students enrolled in Field Experience courses should note the following:
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- Business, Administration, Finance, and IT (BIT);
- Health, Recreation, and Human Sciences (HRH);
- Media, Design, and Communication Arts (MDC);

- Natural Resources (NAT); and
- Trades, Manufacturing, and Transportation (TMT).

Each cluster is a pathway. Specialized and credentialed pathways are available to Alberta's senior high students.

In the CTS curriculum area, there are 10 majors and 10 minors. Students cannot enrol in both a major and a minor in CTS.

The 10 majors and minors are:

- CTS: Business, Administration, Finance (BIT)
- CTS: Computing Science (BIT)
- CTS: Health (HRH)
- CTS: Recreation (HRH)
- CTS: Human Sciences (HRH) (Note: Previously known as Human Ecology: Community Health, Fashion Studies and Foods)
- CTS: Media (MDC)
- CTS: Design (MDC)
- CTS: Communication Arts (MDC)
- CTS: Natural Resources (NAT)
- CTS: Trades, Manufacturing and Transportation (TMT)

CTS Majors (36 units): See Requirements for Major Teaching Subject: CTS Major programs for course requirements.

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 and EDSE 451 during the Advanced Professional Term (APT), which are normally offered in the Winter Term only.

... no further changes until...

- Natural Resources (NAT); and
- Trades, Manufacturing, and Transportation (TMT).

Each cluster is a pathway. Specialized and credentialed pathways are available to Alberta's senior high students.

In the CTS curriculum area, there are 10 majors and 10 minors. Students cannot enrol in both a major and a minor in CTS.

The 10 majors and minors are:

- CTS: Business, Administration, Finance (BIT)
- CTS: Computing Science (BIT)
- CTS: Health (HRH)
- CTS: Recreation (HRH)
- CTS: Human Sciences (HRH) (Note: Previously known as Human Ecology: Community Health, Fashion Studies and Foods)
- CTS: Media (MDC)
- CTS: Design (MDC)
- CTS: Communication Arts (MDC)
- CTS: Natural Resources (NAT)
- CTS: Trades, Manufacturing and Transportation (TMT)

CTS Majors (36 units): See Requirements for Major Teaching Subject: CTS Major programs for course requirements.

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

... no further changes until...

**Requirements for Major Teaching Subject
(36 units)
(Education Chart 1)**

Art
**Secondary Education Major Teaching
Subject: Art**
... no changes until...

Notes
HADVC 301, HADVC 309, and HADVC 456
are recommended
Students must take EDSE 312 during the
Introductory Professional Term (IPT), which is
normally offered in the Fall Term only.
Students must take EDSE 412 and EDSE 451
during the Advanced Professional Term
(APT), which is normally offered in the Winter
Term only.

Art at Augustana
**Secondary Education Major Teaching
Subject: Art (at Augustana)**
Requirements (36 units)
Students may complete the requirements for
the Art major by completing courses offered at
the Augustana campus in Camrose, Alberta.

... no changes until...

Notes
Students must take EDSE 312 during the
Introductory Professional Term (IPT), which is
normally offered in the Fall Term only.
Students must take EDSE 412 and EDSE 451
during the Advanced Professional Term
(APT), which is normally offered in the Winter
Term only.

Biological Sciences
**Secondary Education Major Teaching
Subject: Biological Sciences**

**Requirements for Major Teaching Subject
(36 units)
(Education Chart 1)**

Art
**Secondary Education Major Teaching
Subject: Art**
... no changes until...

Notes
HADVC 301, HADVC 309, and HADVC 456
are recommended
Students must take EDSE 312 during the
Introductory Professional Term (IPT), which is
normally offered in the Fall Term only.
Students must take EDSE 412 during the
Advanced Professional Term (APT), which is
normally offered in the Winter Term only.

Art at Augustana
**Secondary Education Major Teaching
Subject: Art (at Augustana)**
Requirements (36 units)
Students may complete the requirements for
the Art major by completing courses offered
at the Augustana campus in Camrose,
Alberta.

... no changes until...

Notes
Students must take EDSE 312 during the
Introductory Professional Term (IPT), which is
normally offered in the Fall Term only.
Students must take EDSE 412 during the
Advanced Professional Term (APT), which is
normally offered in the Winter Term only.

Biological Sciences
**Secondary Education Major Teaching
Subject: Biological Sciences**

... no changes until...

Notes

Introductory Biology courses should be taken in the first year(s) of study.
MATH 153, MATH 160, MATH 253, and MATH 260 are not eligible courses.
Because of the nature of school sciences, courses in Chemistry and Physics are recommended.
Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 455 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Career and Technology Studies: Business, Administration, Finance (BIT)
Secondary Education Major Teaching Subject: Career and Technology Studies: Business, Administration, Finance (BIT)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Computing Science (BIT)
Secondary Education Major Teaching Subject: Career and Technology Studies: Computing Science (BIT)

... no changes until...

Notes

Introductory Biology courses should be taken in the first year(s) of study.
MATH 153, MATH 160, MATH 253, and MATH 260 are not eligible courses.
Because of the nature of school sciences, courses in Chemistry and Physics are recommended.
Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Career and Technology Studies: Business, Administration, Finance (BIT)
Secondary Education Major Teaching Subject: Career and Technology Studies: Business, Administration, Finance (BIT)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Computing Science (BIT)
Secondary Education Major Teaching Subject: Career and Technology Studies: Computing Science (BIT)

... no changes until...

Notes

Prerequisites for higher level CMPUT courses must be considered when choosing courses. Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 417 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Health (HRH)
Secondary Education Major Teaching Subject: Career and Technology Studies: Health (HRH)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 417 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Recreation (HRH)
Secondary Education Major Teaching Subject: Career and Technology Studies: Recreation (HRH)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

... no changes until...

Notes

Prerequisites for higher level CMPUT courses must be considered when choosing courses. Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Health (HRH)
Secondary Education Major Teaching Subject: Career and Technology Studies: Health (HRH)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Recreation (HRH)
Secondary Education Major Teaching Subject: Career and Technology Studies: Recreation (HRH)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Media (MDC)
Secondary Education Major Teaching Subject: Career and Technology Studies: Media (MDC)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Design (MDC)
Secondary Education Major Teaching Subject: Career and Technology Studies: Design (MDC)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Communication Arts (MDC)

Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Media (MDC)
Secondary Education Major Teaching Subject: Career and Technology Studies: Media (MDC)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Design (MDC)
Secondary Education Major Teaching Subject: Career and Technology Studies: Design (MDC)

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Communication Arts (MDC)

**Secondary Education Major Teaching
Subject: Career and Technology Studies:
Communication Arts (MDC)**

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies: Natural Resources (NAT)
Secondary Education Major Teaching
Subject: Career and Technology Studies:
Natural Resources (NAT)**

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT)
Secondary Education Major Teaching
Subject: Career and Technology Studies:
Trades, Manufacturing, and Transportation (TMT)**

... no changes until...

Notes

**Secondary Education Major Teaching
Subject: Career and Technology Studies:
Communication Arts (MDC)**

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies: Natural Resources (NAT)
Secondary Education Major Teaching
Subject: Career and Technology Studies:
Natural Resources (NAT)**

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT)
Secondary Education Major Teaching
Subject: Career and Technology Studies:
Trades, Manufacturing, and Transportation (TMT)**

... no changes until...

Notes

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Chemistry
Secondary Education Major Teaching
Subject: Chemistry

... no changes until...

Notes
Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 451 and EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Drama
Secondary Education Major Teaching
Subject: Drama

... no changes until...

Notes
Students must take EDSE 327 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 427 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

General Sciences

Students must take EDSE 317 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
Students must take EDSE 417 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Chemistry
Secondary Education Major Teaching
Subject: Chemistry

... no changes until...

Notes
Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Drama
Secondary Education Major Teaching
Subject: Drama

... no changes until...

Notes
Students must take EDSE 327 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 427 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

General Sciences

**Secondary Education Major Teaching
Subject: General Sciences**

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take ~~EDSE 451 and~~ EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Mathematics

**Secondary Education Major Teaching
Subject: Mathematics**

... no changes until...

Notes

Students must take EDSE 337 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 437 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music: Wind Band

**Secondary Education Major Teaching
Subject: Music: Wind Band**

... no changes until...

Notes

MUSIC 213, MUSIC 214, and MUSIC 315 above must be taken before registering in EDSE 343

**Secondary Education Major Teaching
Subject: General Sciences**

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Mathematics

**Secondary Education Major Teaching
Subject: Mathematics**

... no changes until...

Notes

Students must take EDSE 337 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 437 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music: Wind Band

**Secondary Education Major Teaching
Subject: Music: Wind Band**

... no changes until...

Notes

MUSIC 213, MUSIC 214, and MUSIC 315 above must be taken before registering in EDSE 343

Students must take EDSE 343 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 443 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Physical Education
Secondary Education Major Teaching
Subject: Physical Education

... no changes until...

Notes

Students must take EDSE 347 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 447 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physical Sciences
Secondary Education Major Teaching
Subject: Physical Sciences

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 343 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 443 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Physical Education
Secondary Education Major Teaching
Subject: Physical Education

... no changes until...

Notes

Students must take EDSE 347 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 447 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physical Sciences
Secondary Education Major Teaching
Subject: Physical Sciences

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physics
Secondary Education Major Teaching
Subject: Physics

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Second Languages: Other
Secondary Education Major Teaching
Subject: Second Languages: Other
(36 units). It may be possible to arrange a program for students who intend to teach a language other than those listed here which is offered in the school system. Interested students should consult the Second Languages Advisor.

Second Languages: Cree
Secondary Education Major Teaching
Subject: Second Languages: Cree
Requirements (36 units)

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 451 and EDSE 468 during the Advanced Professional Term

Physics
Secondary Education Major Teaching
Subject: Physics

... no changes until...

Notes

Students must take EDSE 355 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.

Students must take EDSE 455 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Second Languages: Other
Secondary Education Major Teaching
Subject: Second Languages: Other
(36 units). It may be possible to arrange a program for students who intend to teach a language other than those listed here which is offered in the school system. Interested students should consult the Second Languages Advisor.

Second Languages: Cree
Secondary Education Major Teaching
Subject: Second Languages: Cree
Requirements (36 units)

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

(APT), which is normally offered in Winter Term only.

Second Languages: French
Secondary Education Major Teaching
Subject: Second Languages: French

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take ~~EDSE 451~~ and EDSE 468 during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: German
Secondary Education Major Teaching
Subject: Second Languages: German

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 and ~~EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Italian
Secondary Education Major Teaching
Subject: Second Languages: Italian

... no changes until...

Notes

Second Languages: French
Secondary Education Major Teaching
Subject: Second Languages: French

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: German
Secondary Education Major Teaching
Subject: Second Languages: German

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Italian
Secondary Education Major Teaching
Subject: Second Languages: Italian

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take ~~EDSE 451 and~~ EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Japanese
Secondary Education Major Teaching Subject: Second Languages: Japanese

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take ~~EDSE 451 and~~ EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Spanish
Secondary Education Major Teaching Subject: Second Languages: Spanish

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 ~~and EDSE 451~~ during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Ukrainian

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Japanese
Secondary Education Major Teaching Subject: Second Languages: Japanese

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Spanish
Secondary Education Major Teaching Subject: Second Languages: Spanish

... no changes until...

Notes

Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Ukrainian

<p>Secondary Education Major Teaching Subject: Second Languages: Ukrainian</p> <p><i>... no changes until...</i></p> <p>Notes Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.</p> <p>Students must take EDSE 451 and EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.</p> <hr/> <p>Social Studies Secondary Education Major Teaching Subject: Social Studies</p> <p><i>... no changes until...</i></p> <p>Notes Students must take EDSE 373 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.</p> <p>Students must take EDSE 451 and EDSE 473 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.</p>	<p>Secondary Education Major Teaching Subject: Second Languages: Ukrainian</p> <p><i>... no changes until...</i></p> <p>Notes Students must take EDSE 368 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.</p> <p>Students must take EDSE 468 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.</p> <hr/> <p>Social Studies Secondary Education Major Teaching Subject: Social Studies</p> <p><i>... no changes until...</i></p> <p>Notes Students must take EDSE 373 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.</p> <p>Students must take EDSE 473 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.</p>
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are

not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

This calendar change makes the appropriate revision to the BEd 4-year program and the notes for Chart 1 Majors.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

September 29, 2021
October 28, 2021
November 25, 2021
January 27, 2022
February 24, 2022
March 24, 2022
April 28, 2022
May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†**Attachments:** Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>Bachelor of Education in Secondary Education - After Degree</u> <i>(Use yellow highlight and strike out for all changes)</i>	PROPOSED <u>Bachelor of Education in Secondary Education - After Degree</u> <i>(Use yellow highlight and underline all additions)</i>
<p>General Information</p> <hr/> <p>Applicants having a first undergraduate degree may apply to the BEd After Degree in either the Elementary or Secondary Route.</p> <p>Program Requirements:</p> <hr/> <p>The Secondary After Degree is based on 48-54 units of Education Course Requirements and additional Program Completion Requirements. Requirements completed prior to admission may reduce the length of the program.</p> <p>Education Course Requirements (24 units) (See Note 1)</p> <hr/> <ul style="list-style-type: none"> ● <u>EDU 300 - Contexts of Education</u> 	<p>General Information</p> <hr/> <p>Applicants having a first undergraduate degree may apply to the BEd After Degree in either the Elementary or Secondary Route.</p> <p>Program Requirements:</p> <hr/> <p>The Secondary After Degree is based on 48-54 units of Education Course Requirements and additional Program Completion Requirements. Requirements completed prior to admission may reduce the length of the program.</p> <p>Education Course Requirements (24 units) (See Note 1)</p> <hr/> <ul style="list-style-type: none"> ● <u>EDU 300 - Contexts of Education</u>

- [EDU 210 - Introduction to Educational Technology](#)
- [EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement](#)
- EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Minors (See Note 3)
- [EDPS 410 - Ethics and Law in Teaching](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- [EDPY 304 - Adolescent Development and Learning](#)
- Education Elective (3 units)

Field Experience Terms

**Introductory Professional Term (15 units)
(See Note 2)**

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Majors I (See Note 4)

**Advanced Professional Term (15 units)
(See Note 2)**

- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- ~~EDSE 451 - Integrating Theory and~~

- [EDU 210 - Introduction to Educational Technology](#)
- [EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement](#)
- EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Minors (See Note 3)
- [EDPS 410 - Ethics and Law in Teaching](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- [EDPY 304 - Adolescent Development and Learning](#)
- Education Elective (3 units)

Field Experience Terms

**Introductory Professional Term (15 units)
(See Note 2)**

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- EDSE 3XX (3 units) Curriculum and Teaching for Secondary School Majors I (See Note 4)

**Advanced Professional Term (15 units)
(See Note 2)**

- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- EDSE 4XX (6 units) Curriculum and

Classroom Practice in the Advanced Professional Term

- EDSE 4XX (3 units) Curriculum and Teaching for Secondary School Majors II (See Note 5)

Program Completion Requirements

Students who have not met the following requirements in their previous degree will need to fulfil them prior to obtaining their BEd degree:

- 3 units in English/French Literature
- 3 units in English/French Literature or Composition
- 36 units in the major teaching subject
- 18 units in the minor teaching subject

Notes

1. Students should be aware of course prerequisites and refer to their individual program sheets for the proper sequencing of courses.
2. Courses taken in the Field Experience Terms are normally taken concurrently.
3. 9 units in the minor teaching subject is a prerequisite for EDSE 3XX. See the Education Chart 4 for the specific EDSE 3XX course required.
4. 9 units in the major teaching subject are prerequisites for the Introductory Professional Term. See Education Chart 3 for the specific EDSE 3XX course required.
5. 24 units in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See Education Chart 3 for the specific EDSE 4XX

Teaching for Secondary School Majors II (See Note 5)

Program Completion Requirements

Students who have not met the following requirements in their previous degree will need to fulfil them prior to obtaining their BEd degree:

- 3 units in English/French Literature
- 3 units in English/French Literature or Composition
- 36 units in the major teaching subject
- 18 units in the minor teaching subject

Notes

1. Students should be aware of course prerequisites and refer to their individual program sheets for the proper sequencing of courses.
2. Courses taken in the Field Experience Terms are normally taken concurrently.
3. 9 units in the minor teaching subject is a prerequisite for EDSE 3XX. See the Education Chart 4 for the specific EDSE 3XX course required.
4. 9 units in the major teaching subject are prerequisites for the Introductory Professional Term. See Education Chart 3 for the specific EDSE 3XX course required.
5. 24 units in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See Education Chart 3 for the specific EDSE 4XX course required

<p>course required</p> <p>6. No more than 6 units in junior English, or equivalent, may be taken for credit in a Bachelor of Education degree program.</p>	<p>6. No more than 6 units in junior English, or equivalent, may be taken for credit in a Bachelor of Education degree program.</p>
<p>Requirements for Major and Minor Teaching Subjects</p> <p>Education Chart 3 Requirements for Major Teaching Subject in the Secondary After Degree Education Route</p> <p>Art (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Students presenting a BFA with a Major in Art and/or Design will be considered to have met the 6 units in Visual Fundamentals. 2. HADVC 301, HADVC 309, and HADVC 456 are recommended 3. Students must take EDSE 312 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 412 and EDSE 451 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only. <hr/> <p>Biological Sciences (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Psychology; MATH 153, MATH 160, MATH 253 and MATH 260 are NOT eligible for use in this Major 2. Students must take EDSE 355 during the Introductory Professional Term 	<p>Requirements for Major and Minor Teaching Subjects</p> <p>Education Chart 3 Requirements for Major Teaching Subject in the Secondary After Degree Education Route</p> <p>Art (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Students presenting a BFA with a Major in Art and/or Design will be considered to have met the 6 units in Visual Fundamentals. 2. HADVC 301, HADVC 309, and HADVC 456 are recommended 3. Students must take EDSE 312 during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only. Students must take EDSE 412 during the Advanced Professional Term (APT), which is normally offered in the Winter Term only. <hr/> <p>Biological Sciences (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Psychology; MATH 153, MATH 160, MATH 253 and MATH 260 are NOT eligible for use in this Major 2. Students must take EDSE 355 during the Introductory Professional Term

(IPT), which is normally offered in both the Fall and Winter Terms.

3. Students must take [EDSE 455](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Career and Technology Studies: Business, Administration, Finance (BIT) (36 units)

Students presenting an approved Business Degree in Commerce or Management will meet all of the 36 credits required for the CTS: Business, Administration and Finance Major in Secondary Education

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Business, Administration, Finance (BIT) WITHOUT Business Degree in Commerce or Management (36 units)

Students NOT presenting an approved Business Degree in Commerce or Management will need to present 36 credits in the following Categories for the CTS: Business, Administration and Finance Major in Secondary Education prior to graduation from the program:

(IPT), which is normally offered in both the Fall and Winter Terms.

3. Students must take [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Career and Technology Studies: Business, Administration, Finance (BIT) (36 units)

Students presenting an approved Business Degree in Commerce or Management will meet all of the 36 credits required for the CTS: Business, Administration and Finance Major in Secondary Education

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Business, Administration, Finance (BIT) WITHOUT Business Degree in Commerce or Management (36 units)

Students NOT presenting an approved Business Degree in Commerce or Management will need to present 36 credits in the following Categories for the CTS: Business, Administration and Finance Major in Secondary Education prior to graduation from the program:

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies:
Communication Arts (MDC) (36 units)**

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies:
Computing Science (BIT) (36 units)**

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies:
Communication Arts (MDC) (36 units)**

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

**Career and Technology Studies:
Computing Science (BIT) (36 units)**

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term

(IPT), which is normally offered in the Fall Term only.

3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Design (MDC) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Health (HRH) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is

(IPT), which is normally offered in the Fall Term only.

3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Design (MDC) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Health (HRH) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) HECOL Route (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) HECOL Route WITHOUT degree in Human Ecology, or Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) HECOL Route (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) HECOL Route WITHOUT degree in Human Ecology, or Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) NUTRITION Route (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) NUTRITION Route WITHOUT degree in Nutrition, or Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Media (MDC) (36 units)

... no changes until...

Career and Technology Studies: Human Sciences (HRH) NUTRITION Route (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Human Sciences (HRH) NUTRITION Route WITHOUT degree in Nutrition, or Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Media (MDC) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Natural Resources (NAT) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Recreation (HRH) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term

Notes

1. Students may not choose both a Major and Minor in CTS
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Natural Resources (NAT) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Recreation (HRH) (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term

(IPT), which is normally offered in the Fall Term only.

3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Trades, Manufacturing, Transportation (TMT) WITHOUT Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is

(IPT), which is normally offered in the Fall Term only.

3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Career and Technology Studies: Trades, Manufacturing, Transportation (TMT) WITHOUT Journey Certificate (36 units)

... no changes until...

Notes

1. Students may not choose both a Major and Minor in CTS.
2. Students must take [EDSE 317](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 417](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

normally offered in the Winter Term only.

Chemistry (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major
 2. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
 3. Students must take [EDSE 451](#) and [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.
-

Drama (36 units)

... no changes until...

Notes

1. Students must take [EDSE 322](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
 2. Students must take [EDSE 422](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.
-

English Language Arts (36 units)

... no changes until...

Notes

1. ESL courses are not applicable for use in the English Major or Minor

Chemistry (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major
 2. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
 3. Students must take [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.
-

Drama (36 units)

... no changes until...

Notes

1. Students must take [EDSE 322](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
 2. Students must take [EDSE 422](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.
-

English Language Arts (36 units)

... no changes until...

Notes

1. ESL courses are not applicable for use in the English Major or Minor

2. No more than 12 in this Major may be taken at the 100-level and no more than 6 of the 12 credits in 100-level English.
3. Students must take [EDSE 327](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 427](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

General Sciences (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major
2. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
3. Students must take [EDSE 451](#) and [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Mathematics (36 units)

... no changes until...

Notes

1. Senior level courses are 200-level or higher [MATH 160](#) and [MATH 260](#) cannot be used in the MATH major in any category
2. Students must take [EDSE 337](#) during the Introductory Professional Term

2. No more than 12 in this Major may be taken at the 100-level and no more than 6 of the 12 credits in 100-level English.
3. Students must take [EDSE 327](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 427](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

General Sciences (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major
2. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
3. Students must take [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Mathematics (36 units)

... no changes until...

Notes

1. Senior level courses are 200-level or higher [MATH 160](#) and [MATH 260](#) cannot be used in the MATH major in any category
2. Students must take [EDSE 337](#) during the Introductory Professional Term

(IPT), which is normally offered in both the Fall and Winter Terms.

3. Students must take [EDSE 437](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music (36 units)

Music WITH BMus Classical (36 units)

... no changes until...

Notes

1. [MUSIC 213](#), [MUSIC 214](#), and [MUSIC 315](#) above must be taken before registering in [EDSE 343](#).
2. Students must take [EDSE 343](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 443](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music WITHOUT BMus Classical (36 units)

... no changes until...

Notes

1. [MUSIC 124](#) or [MUSIC 126 - Applied Music](#), [MUSIC 151 - Aural and Keyboard Skills I](#), [MUSIC 155 - Music Theory I](#), [MUSIC 156 - Music Theory II](#) are normally taken in the first year(s) of study.
2. Entry to [MUSIC 151](#), [MUSIC 155](#), [MUSIC 156](#), normally depends upon demonstrated theoretical competence. Students must contact the Department of Music to arrange for a time for the theory placement examination.

(IPT), which is normally offered in both the Fall and Winter Terms.

3. Students must take [EDSE 437](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music (36 units)

Music WITH BMus Classical (36 units)

... no changes until...

Notes

1. [MUSIC 213](#), [MUSIC 214](#), and [MUSIC 315](#) above must be taken before registering in [EDSE 343](#).
2. Students must take [EDSE 343](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 443](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Music WITHOUT BMus Classical (36 units)

... no changes until...

Notes

1. [MUSIC 124](#) or [MUSIC 126 - Applied Music](#), [MUSIC 151 - Aural and Keyboard Skills I](#), [MUSIC 155 - Music Theory I](#), [MUSIC 156 - Music Theory II](#) are normally taken in the first year(s) of study.
2. Entry to [MUSIC 151](#), [MUSIC 155](#), [MUSIC 156](#), normally depends upon demonstrated theoretical competence. Students must contact the Department of Music to arrange for a time for the theory placement examination.

3. Entry to [MUSIC 124](#) or [MUSIC 126](#) depends on the successful passing of an audition during February, preceding the student's first year. Students must contact the Department of Music to arrange for an audition date.
4. [MUSIC 213 - Woodwind Techniques](#), [MUSIC 214 - Brass Techniques](#), and [MUSIC 315 - Introduction to Conducting](#) above must be taken before registering in [EDSE 343](#).
5. Students must take [EDSE 343](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
6. Students must take [EDSE 443](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Physical Education (36 units)

... no changes until...

Notes

1. Aquatics competency and CPR certification recommended
2. Students must take [EDSE 347](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
3. Students must take [EDSE 447](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physical Sciences (36 units)

... no changes until...

Notes

3. Entry to [MUSIC 124](#) or [MUSIC 126](#) depends on the successful passing of an audition during February, preceding the student's first year. Students must contact the Department of Music to arrange for an audition date.
4. [MUSIC 213 - Woodwind Techniques](#), [MUSIC 214 - Brass Techniques](#), and [MUSIC 315 - Introduction to Conducting](#) above must be taken before registering in [EDSE 343](#).
5. Students must take [EDSE 343](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
6. Students must take [EDSE 443](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Physical Education (36 units)

... no changes until...

Notes

1. Aquatics competency and CPR certification recommended
2. Students must take [EDSE 347](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
3. Students must take [EDSE 447](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physical Sciences (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major.
2. Because of the nature of school sciences, courses in Biology are recommended.
3. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 455](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physics (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major.
2. Because of the nature of school sciences, courses in Biology and Chemistry are recommended.
3. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 455](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Second Languages: Cree (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major.
2. Because of the nature of school sciences, courses in Biology are recommended.
3. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Physics (36 units)

... no changes until...

Notes

1. Psychology; MATH 153, [MATH 160](#), [MATH 253](#) and [MATH 260](#) are NOT eligible for use in this Major.
2. Because of the nature of school sciences, courses in Biology and Chemistry are recommended.
3. Students must take [EDSE 355](#) during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms.
4. Students must take [EDSE 455](#) during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.

Second Languages: Cree (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 451](#) and [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: French (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. High School equivalent and/or JR [100-level] French courses do not meet requirements in the French Major or Minor.
3. Students who have credit in French 30 should register in [FREN 211](#), [FREN 212](#). All others consult the subject area advisor.
4. Many courses offered by Faculté Saint-Jean may be credited toward your program. Consult subject area advisor.
5. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.

2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: French (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. High School equivalent and/or JR [100-level] French courses do not meet requirements in the French Major or Minor.
3. Students who have credit in French 30 should register in [FREN 211](#), [FREN 212](#). All others consult the subject area advisor.
4. Many courses offered by Faculté Saint-Jean may be credited toward your program. Consult subject area advisor.
5. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.

6. Students must take [EDSE 451](#) and [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: German (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) and [EDSE 451](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Italian (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 451](#) and [EDSE 468](#) during the Advanced

6. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages: German (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Italian (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) during the Advanced Professional Term

Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Japanese WITHOUT Bachelor's Degree in Japanese (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 451](#) and [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Spanish (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) and [EDSE 451](#) during the Advanced

(APT), which is normally offered in the Winter Term only.

Second Languages: Japanese WITHOUT Bachelor's Degree in Japanese (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Spanish (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
3. Students must take [EDSE 468](#) during the Advanced Professional Term

Professional Term (APT), which is normally offered in the Winter Term only.

Second Languages: Ukrainian (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
 2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
 3. Students must take [EDSE 451](#) and [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.
-

Second Languages: Other (36 units)

... no changes until...

Notes

1. It may be possible to arrange a program for students who wish to teach a language other than those listed here which is offered in the school system. Interested students should consult Undergraduate Student Services.
2. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.

(APT), which is normally offered in the Winter Term only.

Second Languages: Ukrainian (36 units)

... no changes until...

Notes

1. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.
 2. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
 3. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in the Winter Term only.
-

Second Languages: Other (36 units)

... no changes until...

Notes

1. It may be possible to arrange a program for students who wish to teach a language other than those listed here which is offered in the school system. Interested students should consult Undergraduate Student Services.
2. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services.

3. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
4. Students must take [EDSE 451 and EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

3. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
4. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

Second Languages WITHOUT Bachelor's Degree in a teachable Second Language (36 units)

Second Languages WITHOUT Bachelor's Degree in a teachable Second Language (36 units)

... no changes until...

... no changes until...

Notes

Notes

1. It may be possible to arrange a program for students who wish to teach a language other than those listed here which is offered in the school system. Interested students should consult Undergraduate Student Services.
2. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services. High School equivalent and/or JR [100-level] French courses do not meet requirements in the French Major or Minor.
3. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
4. Students must take [EDSE 451 and EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.

1. It may be possible to arrange a program for students who wish to teach a language other than those listed here which is offered in the school system. Interested students should consult Undergraduate Student Services.
 2. Fluent speakers whose level of proficiency already equals or exceeds the language course levels offered at the U of A will need to have their program customized. Please contact Undergraduate Student Services. High School equivalent and/or JR [100-level] French courses do not meet requirements in the French Major or Minor.
 3. Students must take [EDSE 368](#) during the Introductory Professional Term (IPT), which is normally offered in the Fall Term only.
 4. Students must take [EDSE 468](#) during the Advanced Professional Term (APT), which is normally offered in Winter Term only.
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<p>Social Studies (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Students must take EDSE 373 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms. 2. Students must take EDSE 451 and EDSE 473 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms. 	<p>Social Studies (36 units)</p> <p><i>... no changes until...</i></p> <p>Notes</p> <ol style="list-style-type: none"> 1. Students must take EDSE 373 during the Introductory Professional Term (IPT), which is normally offered in both the Fall and Winter Terms. 2. Students must take EDSE 473 during the Advanced Professional Term (APT), which is normally offered in both the Fall and Winter Terms.
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf and Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

- September 29, 2021
- October 28, 2021
- November 25, 2021
- January 27, 2022
- February 24, 2022
- March 24, 2022
- April 28, 2022

May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>BKin/BEd Combined Degrees Program (Secondary and Elementary Routes) [Education]</u> <i>(Use yellow highlight and strike out for all changes)</i>	PROPOSED <u>BKin/BEd Combined Degrees Program (Secondary and Elementary Routes) [Education]</u> <i>(Use yellow highlight and underline all additions)</i>
<p>BKin/BEd Combined Degrees Program (Secondary and Elementary Routes) [Education]</p> <p>Students in the BKin/BEd Combined Degrees take a program of 150 units over five years. During this five-year program, Kinesiology courses and Education courses are studied concurrently. Students apply for admission to the Faculty of Kinesiology, Sport, and Recreation and are registered in that Faculty for the first three years of the program. Students are registered in the Faculty of Education for the final two years. (See Bachelor of Kinesiology/Bachelor of Education (BKin/BEd) Combined Degrees—Elementary and Secondary Routes for detailed admission requirements to the Faculty of Education for this combined degree.)</p> <p>1. A minimum AGPA of 2.0 has been achieved and</p>	<p>BKin/BEd Combined Degrees Program (Secondary and Elementary Routes) [Education]</p> <p>Students in the BKin/BEd Combined Degrees take a program of 150 units over five years. During this five-year program, Kinesiology courses and Education courses are studied concurrently. Students apply for admission to the Faculty of Kinesiology, Sport, and Recreation and are registered in that Faculty for the first three years of the program. Students are registered in the Faculty of Education for the final two years. (See Bachelor of Kinesiology/Bachelor of Education (BKin/BEd) Combined Degrees—Elementary and Secondary Routes for detailed admission requirements to the Faculty of Education for this combined degree.)</p> <p>3. A minimum AGPA of 2.0 has been achieved and</p>

2. A minimum of 90 units applicable to the BKin/BEEd program has been successfully completed.

Note: Students in Year 3 who have completed less than 90 units toward the BKin/BEEd program but who have an AGPA of at least 2.0 may select one of the following program alternatives: (1) remain in Year 3 of the BKin/BEEd degree program in the Faculty of Kinesiology, Sport, and Recreation for one additional year, or (2) apply to enter the BKin degree program and complete a modified individualized Major.

To view program requirements, see [BKin/BEEd Combined Degrees Program \(Secondary and Elementary Routes\)](#).

Program Requirements (Secondary Route)

... no changes until...

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (15 units)

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 347 - Curriculum and Teaching for Secondary School Physical Education Majors I](#)

Advanced Professional Term (15 units)

- [EDFX 450 - Secondary Route:](#)

4. A minimum of 90 units applicable to the BKin/BEEd program has been successfully completed.

Note: Students in Year 3 who have completed less than 90 units toward the BKin/BEEd program but who have an AGPA of at least 2.0 may select one of the following program alternatives: (1) remain in Year 3 of the BKin/BEEd degree program in the Faculty of Kinesiology, Sport, and Recreation for one additional year, or (2) apply to enter the BKin degree program and complete a modified individualized Major.

To view program requirements, see [BKin/BEEd Combined Degrees Program \(Secondary and Elementary Routes\)](#).

Program Requirements (Secondary Route)

... no changes until...

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (15 units)

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 347 - Curriculum and Teaching for Secondary School Physical Education Majors I](#)

Advanced Professional Term (15 units)

- [EDFX 450 - Secondary Route:](#)

<ul style="list-style-type: none"> Advanced Field Experience EDSE 447 - Curriculum and Teaching for Secondary School Physical Education Majors II EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term 	<ul style="list-style-type: none"> Advanced Field Experience EDSE 447 - Curriculum and Teaching for Secondary School Physical Education Majors II (6 units)
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: KSR has been made aware of the change and have no objections.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

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- May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
<p><u>Bachelor of Music (BMus)/Bachelor of Education (BEd Secondary) Combined Degrees Program [Education</u> <i>(Use yellow highlight and strike out for all changes)</i></p>	<p><u>Bachelor of Music (BMus)/Bachelor of Education (BEd Secondary) Combined Degrees Program [Education</u> <i>(Use yellow highlight and underline all additions)</i></p>
<p>Bachelor of Music (BMus)/Bachelor of Education (BEd Secondary) Combined Degrees Program [Education General Information</p> <p>The Department of Music and the Faculty of Education offer a five-year integrated program of 162 units each, leading to the degrees of Bachelor of Music and Bachelor of Education (Secondary). The first three years (99 units) are taken in the Faculty of Arts and the last two years (63 units) are taken in the Faculty of Education.</p> <p>For more information, including program requirements, see Bachelor of Music / Bachelor of Education in Secondary Education Combined Degrees Program [Arts].</p>	<p>Bachelor of Music (BMus)/Bachelor of Education (BEd Secondary) Combined Degrees Program [Education General Information</p> <p>The Department of Music and the Faculty of Education offer a five-year integrated program of 162 units each, leading to the degrees of Bachelor of Music and Bachelor of Education (Secondary). The first three years (99 units) are taken in the Faculty of Arts and the last two years (63 units) are taken in the Faculty of Education.</p> <p>For more information, including program requirements, see Bachelor of Music / Bachelor of Education in Secondary Education Combined Degrees Program [Arts].</p>
<p>Program Requirements</p>	<p>Program Requirements</p>

... no changes until...

Year 5 (30 units) Taken in the Faculty of Education

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (15 units)
[Must take this in Fall Term]

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 343 - Curriculum and Teaching Music in the Secondary School: Wind Band I](#)

Advanced Practical Term (15 units) [Must take this in Winter Term]

- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- [EDSE 443 - Curriculum and Teaching for Secondary School Music: Wind Band II](#)
- [EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term](#)

... no changes until...

Year 5 (30 units) Taken in the Faculty of Education

Field Experience Terms (30 units)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (15 units)
[Must take this in Fall Term]

- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDPY 303 - Educational Assessment](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 343 - Curriculum and Teaching Music in the Secondary School: Wind Band I](#)

Advanced Practical Term (15 units) [Must take this in Winter Term]

- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- [EDSE 443 - Curriculum and Teaching for Secondary School Music: Wind Band II \(6 units\)](#)

Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: Faculty of Arts has been made aware of the change and has no objections.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
<p><u>Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) [Education</u> <i>(Use yellow highlight and strike out for all changes)</i></p>	<p><u>Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) [Education</u> <i>(Use yellow highlight and underline all additions)</i></p>
<p>Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) [Education General Information</p> <p>The Faculties of Augustana and Education offer a degrees program that is more highly structured than the BSc followed by a BEd After Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees sequentially, because it is designed to meet the minimum requirements of both degrees in five years. In addition, it must meet teacher certification requirements within this time frame.</p> <p>Program Requirements</p> <p>... no changes until...</p> <p>Education Requirements (48 units)</p> <hr/>	<p>Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) [Education General Information</p> <p>The Faculties of Augustana and Education offer a degrees program that is more highly structured than the BSc followed by a BEd After Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees sequentially, because it is designed to meet the minimum requirements of both degrees in five years. In addition, it must meet teacher certification requirements within this time frame.</p> <p>Program Requirements</p> <p>... no changes until...</p> <p>Education Requirements (48 units)</p> <hr/>

- [AUEPS 258 - Educational Psychology for Teaching](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- [EDPY 303 - Educational Assessment](#)
- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- [EDPS 410 - Ethics and Law in Teaching](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [6 units in EDSE \(Major\)](#)
- 3 units in EDSE (Minor)
- [EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement](#)
- 3 units in Education Electives

Note:

The field experience components will be fulfilled in a rural or small city school placement.

Major Subject (42 units)

Subject areas that may be selected as a Major are as follows: Biology, Chemistry, General Sciences, Mathematical Sciences, Mathematics and Physics, Physical Sciences.

Minor Subject (18 units)

Subject areas that may be selected as a Minor are as follows: Art, Biology, Chemistry, Drama, English Language Arts, General

- [AUEPS 258 - Educational Psychology for Teaching](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- [EDPY 303 - Educational Assessment](#)
- [EDFX 350 - Secondary Route Field Experience for the Introductory Professional Term](#)
- [EDFX 450 - Secondary Route: Advanced Field Experience](#)
- [EDPS 410 - Ethics and Law in Teaching](#)
- [EDSE 307 - Language, Literacy and Society in Educational Contexts](#)
- [9 units in EDSE \(Major\)](#)
- 3 units in EDSE (Minor)
- [EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement](#)
- 3 units in Education Electives

Note:

The field experience components will be fulfilled in a rural or small city school placement.

Major Subject (42 units)

Subject areas that may be selected as a Major are as follows: Biology, Chemistry, General Sciences, Mathematical Sciences, Mathematics and Physics, Physical Sciences.

Minor Subject (18 units)

Subject areas that may be selected as a Minor are as follows: Art, Biology, Chemistry, Drama, English Language Arts, General Sciences, Mathematical Sciences, Music: Choral, Physical Education, Physical Sciences, Philosophy and Religious Studies,

<p>Sciences, Mathematical Sciences, Music: Choral, Physical Education, Physical Sciences, Philosophy and Religious Studies, Physics, Second Language French, Second Language German, Second Language Spanish, Social Studies.</p> <p>Non-Education Options (0-18 units)</p> <hr/> <p>The number of Non-Education options required will depend on the number of prerequisites and supporting courses required on the selected major and minor and on the degree of overlap between the core, general, major and minor requirements.</p> <p>Augustana Chart</p> <hr/> <ul style="list-style-type: none"> • Augustana Chart 1 Core Engagement Requirements 	<p>Physics, Second Language French, Second Language German, Second Language Spanish, Social Studies.</p> <p>Non-Education Options (0-18 units)</p> <hr/> <p>The number of Non-Education options required will depend on the number of prerequisites and supporting courses required on the selected major and minor and on the degree of overlap between the core, general, major and minor requirements.</p> <p>Augustana Chart</p> <hr/> <ul style="list-style-type: none"> • Augustana Chart 1 Core Engagement Requirements
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: Augustana has been made aware of the changes, and have no objections.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval Date: June 15, 2022
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**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT <u>BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program [Education]</u> <i>(Use yellow highlight and strike out for all changes)</i>	PROPOSED <u>BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program [Education]</u> <i>(Use yellow highlight and underline all additions)</i>
<p>BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program [Education]</p> <p>General Information</p> <p>The Faculties of Science and Education offer a combined degrees program that is more highly structured than the BSc followed by a BEd After Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees sequentially, because it is designed to meet the minimum requirements of both degrees in five years. In addition, interim Alberta teacher certification requirements are met within this time frame.</p> <p>Students will select a major and minor from the following choices: (1) Biological Sciences, (2) Mathematical Sciences, (3) Physical Sciences.</p> <p>Students apply to the Faculty of Science for admission to the Combined Degrees Program</p>	<p>BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program [Education]</p> <p>General Information</p> <p>The Faculties of Science and Education offer a combined degrees program that is more highly structured than the BSc followed by a BEd After Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees sequentially, because it is designed to meet the minimum requirements of both degrees in five years. In addition, interim Alberta teacher certification requirements are met within this time frame.</p> <p>Students will select a major and minor from the following choices: (1) Biological Sciences, (2) Mathematical Sciences, (3) Physical Sciences.</p> <p>Students apply to the Faculty of Science for admission to the Combined Degrees Program</p>

and spend the first two years of the five-year program registered in the Faculty of Science.

For admission requirements, see [Bachelor of Science \(Specialization in Science and Education\)/Bachelor of Education \(Secondary\) Combined Degrees](#).

For program requirements, see [BSc \(Specialization in Science and Education\)/BEd \(Secondary\) Combined Degrees Program](#)

Science Chart 1 BSc (Specialization in Science and Education)/BEd

Note: Year 1 and Year 2 are completed in the Faculty of Science. Years 3, 4 and 5 are completed in the Faculty of Education.

Biological Sciences Major/Mathematical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- ~~[EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term](#)~~
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\)](#)
- 12 units in Biological Sciences at the 300- or 400-level
- 3 units in Mathematical Sciences at the 300- or 400-level

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

and spend the first two years of the five-year program registered in the Faculty of Science.

For admission requirements, see [Bachelor of Science \(Specialization in Science and Education\)/Bachelor of Education \(Secondary\) Combined Degrees](#).

For program requirements, see [BSc \(Specialization in Science and Education\)/BEd \(Secondary\) Combined Degrees Program](#)

Science Chart 1 BSc (Specialization in Science and Education)/BEd

Note: Year 1 and Year 2 are completed in the Faculty of Science. Years 3, 4 and 5 are completed in the Faculty of Education.

Biological Sciences Major/Mathematical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\) \(6 units\)](#)
- 12 units in Biological Sciences at the 300- or 400-level
- 3 units in Mathematical Sciences at the 300- or 400-level

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Biological Sciences Major/Physical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\)](#)
- 12 units in Biological Sciences at the 300- or 400-level
- 3 units from Area "C"

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Mathematical Sciences Major/Biological Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 451 - Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II \(Major\)](#)
- 9 units in Mathematical Sciences at the 300- or 400- level
- 3 units in Arts options
- 3 units in Biological Sciences at the 200- or 300- or 400-level

Note:

Biological Sciences Major/Physical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\) \(6 units\)](#)
- 12 units in Biological Sciences at the 300- or 400-level
- 3 units from Area "C"

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Mathematical Sciences Major/Biological Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II \(Major\) \(6 units\)](#)
- 9 units in Mathematical Sciences at the 300- or 400- level
- 3 units in Arts options
- 3 units in Biological Sciences at the 200- or 300- or 400-level

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Mathematical Sciences Major/Physical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 451 – Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II \(Major\)](#)
- 9 units in Mathematical Sciences at the 300- or 400- level
- 3 units in Arts Options
- 3 units Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Biological Sciences Minor, Chemistry Concentration (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 451 – Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\)](#)

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Mathematical Sciences Major/Physical Sciences Minor (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 437 - Curriculum and Teaching for Secondary School Mathematics Majors II \(Major\) \(6 units\)](#)
- 9 units in Mathematical Sciences at the 300- or 400- level
- 3 units in Arts Options
- 3 units Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Biological Sciences Minor, Chemistry Concentration (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\) \(6 units\)](#)
- [EDPY 304 - Adolescent Development and Learning](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom](#)

- [EDPY 304 - Adolescent Development and Learning](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- 3 units Arts option
- 9 units from Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Biological Sciences Minor, Physics Concentration (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 451 – Integrating Theory and Classroom Practice in the Advanced Professional Term](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\)](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- 9 units in Arts options
- 9 units in Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Mathematical Sciences Minor (150 units)

[Instruction for Students with Special Needs](#)

- 3 units Arts option
- 9 units from Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Biological Sciences Minor, Physics Concentration (150 units)

... no changes until...

Year 5 (30 units)

- [EDFX 450 - Secondary Route: Advanced Field Experience \(9 weeks\)](#)
- [EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II \(Major\) \(6 units\)](#)
- [EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs](#)
- 9 units in Arts options
- 9 units in Area “C”

Note:

First three courses above constitute the Advanced Professional Term and must be taken concurrently

Physical Sciences Major/Mathematical Sciences Minor (150 units)

... no changes until...

<p>... no changes until...</p> <p>Year 5 (30 units)</p> <ul style="list-style-type: none"> • <u>EDFX 450 - Secondary Route: Advanced Field Experience (9 weeks)</u> • <u>EDSE 451 – Integrating Theory and Classroom Practice in the Advanced Professional Term</u> • <u>EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II (Major)</u> • <u>EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs</u> • 6 units in Arts options • 6 units in Area “C” <p>Note:</p> <p>First three courses above constitute the Advanced Professional Term and must be taken concurrently</p>	<p>Year 5 (30 units)</p> <ul style="list-style-type: none"> • <u>EDFX 450 - Secondary Route: Advanced Field Experience (9 weeks)</u> • <u>EDSE 455 - Curriculum and Teaching for Secondary School Science Majors II (Major) (6 units)</u> • <u>EDPY 301 - Introduction to Inclusive Education: Adapting Classroom Instruction for Students with Special Needs</u> • 6 units in Arts options • 6 units in Area “C” <p>Note:</p> <p>First two courses above constitute the Advanced Professional Term and must be taken concurrently</p>
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

The overall program change is to increase the credit unit value of all EDSE 4xx Major II courses from 3 units to 6 units, and eliminate EDSE 451 as a required course. This change shifts the units. It does not change the overall credit value for the program.

The rationale for making this change is to reduce student registration issues, and administrative time needed to address them. At present, a separate section of EDSE 451 is created and paired with every EDSE 4xx Major II course offered each term. Specific program restrictions based on majors and notes are necessary for each EDSE 451 section. Students often have difficulty finding the correct EDSE 451 course which results in increased email volume. The EDSE 4xx Major II course and EDSE 451 are taught together, usually by the same instructor. They are not distinct courses. For example, it is common practice for students to repeat both courses, if they did not receive credit for one of them.

Note: Faculty of Science has been made aware of the change.

Submitted by: Jason Wallin	Signature of Department Chair or Designee Greg Thomas	Department Council Approval Date: May 24, 2022	UAAC Approval: June 15, 2022
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**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
<p>Calendar Section Title and web link <i>(Use <u>yellow highlight and strike-out</u> for all changes)</i></p> <p>Physical Sciences Major/Biological Sciences Minor, Chemistry Concentration [Science]</p> <p>https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42555</p>	<p>Calendar Section Title and web link <i>(Use <u>yellow highlight and underline</u> all additions)</i></p> <p>Physical Sciences Major/Biological Sciences Minor, Chemistry Concentration [Science]</p> <p>https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42555</p>
<p>Area "C"</p> <hr/> <p>ASTRO 320 - Stellar Astrophysics I ASTRO 322 - Galactic and Extragalactic Astrophysics PHYS 301 - Particles, Nuclei, and the Cosmos PHYS 308 - Statistical, Molecular, and Solid State Physics PHYS 310 - Thermodynamics and Kinetic Theory PHYS 311 - Statistical Physics PHYS 362 - Optics and Lasers</p>	<p>Area "C"</p> <hr/> <p>ASTRO 320 - Stellar Astrophysics I ASTRO 322 - Galactic and Extragalactic Astrophysics PHYS 301 - Particles, Nuclei, and the Cosmos PHYS 308 - Statistical, Molecular, and Solid State Physics PHYS 310 - Thermodynamics and Kinetic Theory PHYS 311 - Statistical Physics PHYS 362 - Optics and Lasers</p>

<p>PHYS 364 - Environmental Physics II or any 300-level CHEM (not to include CHEM 300 or CHEM 399)</p> <hr/> <p>Year 2 (30 units)</p> <hr/> <p>BIOL 207 - Molecular Genetics and Heredity BIOL 208 - Principles of Ecology CHEM 261 - Organic Chemistry I EDU 210 - Introduction to Educational Technology EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement</p> <p>PHYS 208 - Aspects of Modern Physics OR PHYS 271 - Introduction to Modern Physics</p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>3 units in junior ENGL or WRS 6 units in Arts options</p>	<p>PHYS 364 - Environmental Physics II or any 300-level CHEM (not to include CHEM 300 or CHEM 399) MA PH 251 - Differential Equations for Physics MA PH 351 -</p> <hr/> <p>Year 2 (30 units)</p> <hr/> <p>BIOL 207 - Molecular Genetics and Heredity BIOL 208 - Principles of Ecology CHEM 261 - Organic Chemistry I EDU 210 - Introduction to Educational Technology EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement</p> <p>PHYS 208 - Aspects of Modern Physics</p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>3 units in junior ENGL or WRS 6 units in Arts options</p>
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Justification: (Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)

Addition of new courses in Mathematics relevant to the degree area.

PHYS 271 requires MATH 215 and MATH 125 as prerequisites. Neither MATH 125 or MATH 215 are listed in the required courses for the degree, requiring the removal of the PHYS 271 as a possible degree option.

Submitted by: Jason Wallin	Signature of Department Chair or Designee	Date:	UAAC Approval: May 26, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:
 September 29, 2021

October 28, 2021
November 25, 2021
January 27, 2022
February 24, 2022
March 24, 2022
April 28, 2022
May 26, 2022

**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
Calendar Section Title and web link	Calendar Section Title and web link
Physical Sciences Major/Biological Sciences Minor, Physics Concentration [Science] https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42555 <i>(Use <u>yellow highlight and strike out</u> for all changes)</i>	Physical Sciences Major/Biological Sciences Minor, Physics Concentration [Science] https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42555 <i>(Use <u>yellow highlight and underline</u> all additions)</i>
Year 1 (30 units) <hr/>	Year 1 (30 units) <hr/>
BIOL 107 - Introduction to Cell Biology BIOL 108 - Introduction to Biological Diversity CHEM 101 - Introductory University Chemistry I CHEM 102 - Introductory University Chemistry II EDU 100 - Contexts of Education One of MATH 134, 144, or 154 One of MATH 136, 146, or 156	BIOL 107 - Introduction to Cell Biology BIOL 108 - Introduction to Biological Diversity CHEM 101 - Introductory University Chemistry I CHEM 102 - Introductory University Chemistry II EDU 100 - Contexts of Education One of MATH 134, 144, or 154 One of MATH 136, 146, or 156
PHYS 124 - Particles and Waves OR PHYS 144 - Newtonian Mechanics and Relativity	PHYS 124 - Particles and Waves OR PHYS 144 - Newtonian Mechanics and Relativity

<p>PHYS 126 - Fluids, Fields, and Radiation OR PHYS 146 - Fluids and Waves</p> <p>3 units in junior ENGL or WRS</p> <p>Year 2 (30 units)</p> <hr/>	<p>PHYS 126 - Fluids, Fields, and Radiation OR PHYS 146 - Fluids and Waves</p> <p>3 units in junior ENGL or WRS</p> <p>Year 2 (30 units)</p> <hr/>
<p>BIOL 207 - Molecular Genetics and Heredity BIOL 208 - Principles of Ecology CHEM 261 - Organic Chemistry I EDU 210 - Introduction to Educational Technology EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement</p> <p>PHYS 208 - Aspects of Modern Physics OR PHYS 271 - Introduction to Modern Physics</p>	<p>BIOL 207 - Molecular Genetics and Heredity BIOL 208 - Principles of Ecology CHEM 261 - Organic Chemistry I EDU 210 - Introduction to Educational Technology EDU 211 - Aboriginal Education and Contexts for Professional and Personal Engagement</p> <p>PHYS 208 - Aspects of Modern Physics OR PHYS 271 - Introduction to Modern Physics</p>
<p>MATH 214 – Intermediate Calculus III</p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>3 units in Arts options 3 units in junior ENGL or WRS</p>	<p><u>MATH 125 – Linear Algebra</u></p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>3 units in Arts options 3 units in junior ENGL or WRS</p>
<p>Year 3 (30 units)</p> <hr/> <p>CHEM 263 - Organic Chemistry II</p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>EDPY 304 - Adolescent Development and Learning</p>	<p>Year 3 (30 units)</p> <hr/> <p>CHEM 263 - Organic Chemistry II</p> <p>CHEM 211 - Quantitative Analysis I OR PHYS 294 - General Physics Laboratory</p> <p>EDPY 304 - Adolescent Development and Learning</p>
<p>MATH 215 – Intermediate Calculus IV</p> <p>PHYS 281 - Electricity and Magnetism 6 units in Biological Sciences at the 200-level 3 units in Arts options</p>	<p><u>MATH 214 – Intermediate Calculus III</u></p> <p>PHYS 281 - Electricity and Magnetism 6 units in Biological Sciences at the 200-level 3 units in Arts options</p>

3 units from Area "B" 3 units from Area "C"	3 units from Area "B" 3 units from Area "C"
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Justification: *(Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)*

The prerequisite for MATH 215 is not reflected in the required list of courses for the Physical Sciences Major/Biological Sciences Minor, Physics Concentration combined degree. In consultation with the Faculty of Science's advocacy for a course in linear algebra, we have changed the required MATH 215 to its prerequisite, MATH 125.

Submitted by: Jason Wallin	Signature of Department Chair or Designee	Date: May 17, 2022	UAAC Approval: May 26, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduaac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

September 29, 2021
October 28, 2021
November 25, 2021
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**FACULTY OF EDUCATION
CALENDAR CHANGE REQUEST FORM**

Department: Secondary Education

Implementation: NORMAL
 EARLY

Type of Change: Program Regulation*
 New Course*† Course Change
 Course Deletion Editorial

**Documentation is required to verify that other units in the Faculty of Education or other Faculties impacted by the proposal have no objection to the proposed new course or course change. Please attach documentation confirming you have consent when applicable.*

***Applicable Attachment:** Yes No

†Attachments: Course Outline
 TQS/Competencies Info Sheet (Completed by course developers and instructors)

CURRENT	PROPOSED
Calendar Section Title and web link	Calendar Section Title and web link
Secondary Education Major Teaching Subject: Mathematics https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42684&returnto=11334 <i>(Use yellow highlight and strike out for all changes)</i>	Secondary Education Major Teaching Subject: Mathematics https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42684&returnto=11334 <i>(Use yellow highlight and underline all additions)</i>
Secondary Education Major Teaching Subject: Mathematics _____ Requirements (36 units) _____ One of MATH 134, 144, or 154 One of MATH 136, 146, or 156 MATH 125 - Linear Algebra I MATH 228 – Algebra: Introduction to Ring Theory MATH 241 - Geometry MATH 111 or MATH 243 STAT 151 or STAT 161	Secondary Education Major Teaching Subject: Mathematics _____ Requirements (36 units) _____ One of MATH 134, 144, or 154 One of MATH 136, 146, or 156 MATH 125 - Linear Algebra I MATH 228 – Algebra: Introduction to Ring Theory <u>MATH 256 – Elementary Number Theory</u> MATH 241 - Geometry MATH 111 or MATH 243 STAT 151 or STAT 161

Justification: *(Note: A detailed justification must be provided. If more than one change is submitted be sure to indicate the **course number** that applies to your explanation.)*

Department of Mathematical and Statistical Sciences is phasing out MATH 228, and has proposed it be replaced with MATH 256.

Submitted by: Jason Wallin	Signature of Department Chair or Designee	Date:	UAAC Approval: May 26, 2022
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Submit completed, signed pdf **and** Word Versions to the UAAC Administrator at eduac@ualberta.ca

2021-2022 Undergraduate Academic Affairs Council Schedule:

September 29, 2021

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November 25, 2021

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March 24, 2022

April 28, 2022

May 26, 2022

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Cell Biology
Contact Person:	Silvia McCormack - silvia.mccormack@ualberta.ca Gary Eitzen - gary.eitzen@ualberta.ca
Level of change (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Course description update that defines MDGEN 403 and CELL 403 are the same course and students can only enrol and get credit for one of these.

Course Template

Current	Proposed
<p>CELL 403 - Principles of Medical Genetics</p> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered first term</p> <p>Description The rapid expansion of our understanding of the human genome has created new, exciting possibilities to understanding the root causes of human disease and improve health. However, this also leads to real and potential problems - both ethical and practical. This senior level undergraduate course will consist of four modules each covering different aspects of the scientific theory underlying the practice of Medical Genetics. Topics will include core concepts in human genomics, developmental genetics, genetic variation, Mendelian and non-Mendelian traits, Mendelian disease as examples of key genomic concepts, methodologies that allow for screening of genetic disease and the theory supporting the practice of genetic counselling. This course will be based on didactic understanding of the topics and draw upon examples from the expertise of the instructors.</p>	<p>CELL 403 - Principles of Medical Genetics</p> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered first term</p> <p>Description The rapid expansion of our understanding of the human genome has created new, exciting possibilities to understanding the root causes of human disease and improve health. However, this also leads to real and potential problems - both ethical and practical. This senior level undergraduate course will consist of four modules each covering different aspects of the scientific theory underlying the practice of Medical Genetics. Topics will include core concepts in human genomics, developmental genetics, genetic variation, Mendelian and non-Mendelian traits, Mendelian disease as examples of key genomic concepts, methodologies that allow for screening of genetic disease and the theory supporting the practice of genetic counselling. This course will be based on didactic understanding of the topics and draw upon examples from the expertise of the instructors.</p>

Prerequisites CELL 201 or BIOL 201, 300 level course in CELL or GENET or consent of the Department.

Prerequisites CELL 201 or BIOL 201, 300 level course in CELL or GENET or consent of the Department.

Note: Not to be taken by students with credit in MDGEN 403. In addition, not available to students currently enrolled in MDGEN 403.

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – June 10, 2022
FoMD Faculty Council (for information/suggestions/challenges) – July 22, 2022

Other consultation groups, departments, or internal faculty approving bodies and approval dates.

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Medical Genetics
Contact Person:	Marge Krowchynski - marge.krowchynski@ualberta.ca
Level of change (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Course description update that defines MDGEN 403 and CELL 403 are the same course and students can only enrol and get credit for one of these.

Course Template

Current	Proposed
<p>MDGEN 403 - Principles of Medical Genetics</p> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Medicine and Dentistry Department Medical Genetics Typically Offered first term</p> <p>Description The rapid expansion of our understanding of the human genome has created new, exciting possibilities to understanding the root causes of human disease and improve health. However, this also leads to real and potential problems - both ethical and practical. This senior level undergraduate course will consist of four modules each covering different aspects of the scientific theory underlying the practice of Medical Genetics. Topics will include core concepts in human genomics, developmental genetics, genetic variation, Mendelian and non- Mendelian traits, Mendelian disease as examples of key genomic concepts, methodologies that allow for screening of genetic disease and the theory supporting the practice of genetic counselling. This course will be based on didactic understanding of the topics and draw upon examples from the expertise of the instructors. Prerequisites CELL 201 or BIOL 201, 300 level course in</p>	<p>MDGEN 403 - Principles of Medical Genetics</p> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Medicine and Dentistry Department Medical Genetics Typically Offered first term</p> <p>Description The rapid expansion of our understanding of the human genome has created new, exciting possibilities to understanding the root causes of human disease and improve health. However, this also leads to real and potential problems - both ethical and practical. This senior level undergraduate course will consist of four modules each covering different aspects of the scientific theory underlying the practice of Medical Genetics. Topics will include core concepts in human genomics, developmental genetics, genetic variation, Mendelian and non- Mendelian traits, Mendelian disease as examples of key genomic concepts, methodologies that allow for screening of genetic disease and the theory supporting the practice of genetic counselling. This course will be based on didactic understanding of the topics and draw upon examples from the expertise of the instructors. Prerequisites CELL 201 or BIOL 201, 300 level course in</p>

CELL or GENET or consent of the Department.	CELL or GENET or consent of the Department. Note: Not to be taken by students with credit in CELL 403. In addition, not available to students currently enrolled in CELL 403.
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Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – June 10, 2022
FoMD Faculty Council (for information/suggestions/challenges) – July 22, 2022

Other consultation groups, departments, or internal faculty approving bodies and approval dates.

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Pharmacology
Contact Person:	Dr James R Hammond (Associate Chair – Undergraduate)
Level of change (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

A recent review of the Pharmacology BSc degree program highlighted several areas of pharmacology that were not being covered adequately, mainly due to shifts in course content and focus over time. Two of these areas were drug metabolism and pharmacokinetics. These topics are introduced in PMCOL 200, but not developed further in a cohesive manner in more senior courses. This is an area of pharmacology that is critical for the understanding of the appropriate therapeutic use of drugs. In addition to being identified by the Department as a gap, students currently in the program have expressed a desire to learn in more depth about these core concepts in pharmacology. Therefore, both the Department and the target students are in agreement that this course would be of benefit. A similar course is offered at other institutions that mount a Pharmacology degree program, including the University of Toronto and Western University. This new 300-level course will be required for students registered in the Pharmacology BSc programs. To keep the required course load the same in the program, we will be making one of our other 300-level courses (PMCOL 305) optional for our students (Calendar Request for Program Changes submitted in parallel).

Course Template

New Course	<p>Proposed</p> <p>Subject & Number: PMCOL 306 Title: Drug Disposition and Metabolism</p> <p>Course Career: Undergraduate Units: 3 Approved Hours: 3-0-0 Fee index: 6 Faculty: FoMD Department: Pharmacology Typically Offered: Fall term</p> <p>Description: Study of factors that affect drug absorption, distribution, metabolism, and elimination (ADME). This includes an introduction to genetic factors that influence ADME of drugs, as well as practical exercises to illustrate pharmacokinetic principles and their relevance to therapeutic dosing. Drug-drug interactions and food-drug interactions will also be discussed.</p>
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	<p>Prerequisites: PMCOL 200, BIOCH 200, PHYSL 210, or 212 and 214, or consent of Department</p> <p>Grading: Evaluation is based on two midterms, an assignment, and a final examination. The exams are a mixture of multiple choice and short answer questions.</p>
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Reviewed/Approved by:

<p>FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – July 7, 2022 FoMD Faculty Council (for information/suggestions/challenges) – July 22, 2022</p>
<p>Other consultation groups, departments, or internal faculty approving bodies and approval dates. Pharmacology Department approval – June 24, 2022</p>

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Pharmacology
Contact Person:	Dr James R Hammond (Associate Chair – Undergraduate)
Level of change (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

With the increase in enrolment in Pharmacology BSc programs seen over the past few years, our current slate of 400-level pharmacology courses is over-subscribed and this is forcing a change in student assessment away from the desired small group critical analysis. In addition, one of the existing 400-level courses (PMCOL 416) is no longer offered due the retirement of the two faculty members with expertise in the area who taught the course. Feedback from students has also highlighted the need for a broader choice in 400-level course offerings available to them to complete their degree. Therefore, the Department of Pharmacology has developed three new 400-level courses to meet student demand. Each of the new courses address an area of pharmacology that is currently under-represented in our program, and are designed to illustrate modern approaches to research in pharmacology.

PMCOL 406 - Molecular Mechanisms of Drug Action: Structure based drug design and the molecular mechanisms underlying the interaction of drugs with their targets is currently state-of-the-art in the field of pharmacology and drug discovery. While other pharmacology courses touch on this topic, none of them allow the student to fully develop the subject.

PMCOL 408 – Clinical Pharmacology: The pharmacology program has, historically, been heavy on fundamental concepts of drug actions, with less material pertaining to the therapeutic use of drugs. Due to student interest and the desire to enhance the clinical relevance of studying fundamental pharmacological concepts, we will introduce a dedicated clinical pharmacology course that applies the basic pharmacology principles to clinical situations (patient cases). There is no similar course currently being offered at the University of Alberta.

PMCOL 410 – Pharmacogenomics: Pharmacogenomics is the study of how human genetic variation impacts drug response, and is a critical component of precision medicine. With the rapid increase in our knowledge of the human genome and the development of techniques such as CRISPR to manipulate the genome, the intersection between these fields of research and the study of drug actions (pharmacology) is growing equally as rapidly.

Course Template

New Course	Proposed Subject & Number: PMCOL 406 Title: Molecular Mechanisms of Drug Action Course Career: Advanced Undergraduate Units: 3 Approved Hours: 3-0-0 Fee index: 6 Faculty: FoMD
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	<p>Department: Pharmacology Typically Offered: Either term</p> <p>Description: This course will present an overview of structure-based drug design, and delve into the molecular and structural factors that underlie drug affinity and efficacy. Concepts will be exemplified using receptor, ion channel, transporter, enzyme, and other protein families that represent important drug targets. Part of the course will be structured around the critical analysis of primary literature on related topics. Students will also have an opportunity to explore protein-drug interactions using molecular viewing software.</p> <p>Prerequisites: PMCOL 343, PMCOL 344, and PMCOL 306, BIOCH 320, or consent of Department</p> <p>Grading: Evaluation is based on a midterm exam, two reports (written or oral), and a final exam.</p>
<p>New Course</p>	<p>Proposed</p> <p>Subject & Number: PMCOL 408 Title: Clinical Pharmacology</p> <p>Course Career: Advanced Undergraduate Units: 3 Approved Hours: 3-0-0 Fee index: 6 Faculty: FoMD Department: Pharmacology Typically Offered: Either term</p> <p>Description: This course will provide an overview of the pharmacotherapy of selected clinical conditions of interest, and the factors (eg. age, weight, pregnancy, co-morbidities) that influence the clinical use of drugs. Assessment of clinical trials and clinical case reports will also be discussed.</p> <p>Prerequisites: PMCOL 343, PMCOL 344, or consent of Department</p> <p>Grading: Evaluation is based on two reports (written or oral), class and group discussion participation and a final exam.</p>

<p>New Course</p>	<p>Proposed</p> <p>Subject & Number: PMCOL 410 Title: Pharmacogenomics</p> <p>Course Career: Advanced Undergraduate Units: 3 Approved Hours: 3-0-0 Fee index: 6 Faculty: FoMD Department: Pharmacology Typically Offered: Either term</p> <p>Description: Pharmacogenomics is the study of how human genetic variation impacts drug response. The impact of genetic variability on the pharmacokinetics and pharmacodynamics of drugs will be discussed. Students will evaluate current literature in pharmacogenomics, and discuss clinical and societal issues in the implementation of pharmacogenomics in the therapeutic use of drugs.</p> <p>Prerequisites: PMCOL 343, PMCOL 344, and PMCOL 306, or consent of Department</p> <p>Grading: Evaluation is based on two reports (written or oral), class and group discussion participation and a final exam.</p>
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Reviewed/Approved by:

<p>FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – July 7, 2022 FoMD Faculty Council (for information/suggestions/challenges) – July 22, 2022</p>
<p>Other consultation groups, departments, or internal faculty approving bodies and approval dates. Pharmacology Department Council approval – June 24, 2022</p>

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Dept of Medical Genetics
Contact Person:	Sajid Merchant - sajidmerchant@ualberta.ca
Level of change (choose one only) [?]	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Spring 2023

Rationale

MDGEN 607 – The name of the course overlaps with MDGEN 407 and therefore requires adjustment.

MDGEN 507 – New course will be cross listed with the existing MDGEN 407 undergraduate course. The department of Medical Genetics provides its graduate students training in a range of areas including cancer, developmental genetics, gene discovery, and molecular diagnostics using several different model systems and focused on several different genetic diseases. This course will provide the department's graduate students background on the health impacts of regularly encountered genetic conditions and the role that a genetic counsellor plays in providing care for those affected.

Course Template

Current	Proposed
<p>MDGEN 607 – Independent Studies in Genetic Counselling</p> <p>Course Career Graduate Units 3 Approved Hours 6 WEEKS Fee index 6 Faculty Medicine and Dentistry Department Medical Genetics Typically Offered variable</p> <p>Description To provide students currently training in a Genetic Counselling graduate program with insight and direct experience into the role of a genetic counsellor through research into key topics in the area, as well as observation and participation in genetic counselling sessions. The course involves meeting with the instructor daily, observing and participating in counselling sessions. Two cases will be randomly selected for formal write-up and presentation. Students will also learn to critique a suitable medical genetics journal. Finally, a final creative</p>	<p>MDGEN 607 – Genetic Counselling Practicum</p> <p>Course Career Graduate Units 3 Approved Hours 6 WEEKS Fee index 6 Faculty Medicine and Dentistry Department Medical Genetics Typically Offered variable</p> <p>Description To provide students currently training in a Genetic Counselling graduate program with insight and direct experience into the role of a genetic counsellor through research into key topics in the area, as well as observation and participation in genetic counselling sessions. The course involves scheduled meetings with the instructor, and observing and participating in counselling sessions. Cases will be randomly selected for formal write-up and presentation. Students will also learn to critique a suitable medical genetics journal. Course is</p>

<p>assignment of the student's choice (ex. Patient pamphlet) will be completed. Course is graded based on presentations, written assignment and counselling performance. Open to students in a graduate program for genetic counselling, with permission of the course instructor.</p>	<p>graded based on presentations, written assignment and counselling performance. Open to students in a graduate program for genetic counselling, with permission of the course instructor.</p>
<p>New Course</p>	<p>MDGEN 507 – Independent Studies in Genetic Counselling</p> <p>Course Career Graduate Units 3 Approved Hours 0-3S-0 Fee index 6 Faculty Medicine and Dentistry Department Medical Genetics Typically Offered either term</p> <p>Description An interactive course designed to provide graduate students insight into the role of a genetic counsellor through exploration of key topics. The class meets once a week for a 2-to-3-hour discussion. Each week students will be presented a typical genetic counselling case, which they will then write up and present to the entire class the following week. All students will then participate in the discussion of the case. Midterm and/or finals consist of a presentation on a choice of various ethical issues currently impacting the field. The course is graded based on presentations, written assignments and participation. Open to up to 4 students with permission of the course instructor. Credit may only be obtained in one of MDGEN 407 or MDGEN 507.</p>

Reviewed/Approved by:

<p>FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – April 4, 2022 FoMD Faculty Council (for information/suggestions/challenges) – April 25, 2022</p>
<p>Other consultation groups, departments, or internal faculty approving bodies and approval dates.</p>

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	FoMD – Medical Microbiology and Immunology (MMI)
Contact Person:	Rob Ingham – ringham@ualberta.ca
Level of change (choose one only) [?]	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023 (Early Implementation)

Rationale

The Department of Medical Microbiology and Immunology is proposing a new graduate course, MMI 502 – Advanced Topics in Medical Microbiology and Immunology. The course is tailored to new graduate students with the aim of developing their writing, presenting, and critical thinking skills. The course is relevant to students undertaking graduate training in immunology, virology, and bacteriology, and meets the critical need for additional graduate course offerings; in particular, for those students that completed their undergraduate studies in the Immunology and Infection program at the University of Alberta.

Course Template

Current	Proposed
NEW COURSE	MMI 502 - Advanced Topics in Medical Microbiology and Immunology Course Career Graduate Units 3 Approved Hours 0-3-0 Fee index 6 Faculty Medicine and Dentistry Department Med Microbiology & Immun Typically Offered first term Description A course designed to provide graduate students with the skills necessary to succeed in their graduate programs. Course topics will vary year-to-year, but will include activities that develop scientific writing and presentation skills, and other skills required of scientists. Prerequisites: None. Open to graduate students in the Department of Medical Microbiology and Immunology. Prerequisites: consent of department

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – June 17, 2022
FoMD Faculty Council (for information/suggestions/challenges) – July 22, 2022

Other consultation groups, departments, or internal faculty approving bodies and approval dates.

Calendar Change Request Form for Course Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	Faculty of Native Studies	
Contact Person:	Freda Cardinal	
Level of change (choose one only) [?]	•	Undergraduate
	•	Graduate
For which term will this change take effect?	2023/24	

Rationale

*Changing the prerequisite courses will make this core class in the Certificate in Indigenous Governance and Partnership more accessible to students in faculties across campus.
Students from other faculties on campus may have already completed coursework on research methods and have developed skills that would be developed in NS 290.*

Course Template

Current	Proposed
NS 320	NS 320
Indigenous Politics and Diplomacy	Indigenous Politics and Diplomacy
Undergraduate	Undergraduate
★ 3	★ 3
(fi 6)	(fi 6)
Faculty of Native Studies	Faculty of Native Studies
(either term, 3-0-0)	(either term, 3-0-0)
Surveying political relationships in what is now called Canada, this course analyzes the long-standing tensions in relations between Canada and Indigenous peoples. Drawing on Indigenous perspectives, this course reexamines 300 years of political history, exploring early contact diplomacy, treaty-making, and the subsequent colonial relations that structure the contemporary situation. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. Sections may be offered in a Cost Recovery format at an increased rate of fee	Surveying political relationships in what is now called Canada, this course analyzes the long-standing tensions in relations between Canada and Indigenous peoples. Drawing on Indigenous perspectives, this course reexamines 300 years of political history, exploring early contact diplomacy, treaty-making, and the subsequent colonial relations that structure the contemporary situation. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the

<p>assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>	<p>prerequisite. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>
<p>NS 330</p> <p>Indigenous Economies</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>This course will review underlying factors which affect the economies of Indigenous communities and examine different approaches to Indigenous economies, including community, alternative, corporate, and entrepreneurial business approaches. Indigenous perspectives to Indigenous Economic Development will be a principal theme. The objective of the course will be to assess approaches to the identification, planning, and implementation of economic strategies for Indigenous communities. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>	<p>NS 330</p> <p>Indigenous Economies</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>This course will review underlying factors which affect the economies of Indigenous communities and examine different approaches to Indigenous economies, including community, alternative, corporate, and entrepreneurial business approaches. Indigenous perspectives to Indigenous Economic Development will be a principal theme. The objective of the course will be to assess approaches to the identification, planning, and implementation of economic strategies for Indigenous communities. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>

<p>NS 340</p> <p>Indigenous Legal Systems</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>An introduction to the normative systems of Indigenous peoples in Canada and around the world, often called customary law. Includes considerations of Indigenous legal issues and jurisprudence from various perspectives, including legal histories, conceptions of law, theories of law, and legal pluralism. Prerequisites: NS 110, 111 and 240 or consent of the Faculty. Sections offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar.</p>	<p>NS 340</p> <p>Indigenous Legal Systems</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>An introduction to the normative systems of Indigenous peoples in Canada and around the world, often called customary law. Includes considerations of Indigenous legal issues and jurisprudence from various perspectives, including legal histories, conceptions of law, theories of law, and legal pluralism. Prerequisites: NS 110, 111 and 240 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite. Sections offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar.</p>
<p>NS 345</p> <p>Governance in Indigenous Nations</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>The course will cover important conceptual paradigms in Indigenous Studies related to the governance of Indigenous nations. These include nationhood, critical Indigenous studies, Indigenous resurgence, Indigenous law, Indigenous feminism(s) and relationality. In addition, the course will cover a selection of mainstream governance methods</p>	<p>NS 345</p> <p>Governance in Indigenous Nations</p> <p>★ 3 (fi 6)</p> <p>Faculty of Native Studies (either term, 3-0-0)</p> <p>The course will cover important conceptual paradigms in Indigenous Studies related to the governance of Indigenous nations. These include nationhood, critical Indigenous studies, Indigenous resurgence, Indigenous law, Indigenous feminism(s) and relationality. In addition, the course will cover a selection of mainstream governance methods</p>

<p>relevant to organizational planning, conflict resolution, and board governance. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>	<p>relevant to organizational planning, conflict resolution, and board governance. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite. Sections may be offered in a Cost Recovery format at an increased rate of fee assessment; refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar.</p>
<p>NS 362</p> <p>Indigenous Women</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p> <p>An interdisciplinary approach to understanding historical and contemporary experiences of Indigenous women. Examines the ways in which Indigenous women have resisted and been shaped by colonialism and other contemporary racialized gendered practices through an exploration of community, race, gender, sexuality, identity, representation, and activism. The course also considers the ways in which Indigenous knowledge shape alternative ways of conceptualizing and politicizing history, identity, place, self-determination, land rights, resources and wellbeing. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty.</p>	<p>NS 362</p> <p>Indigenous Women</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p> <p>An interdisciplinary approach to understanding historical and contemporary experiences of Indigenous women. Examines the ways in which Indigenous women have resisted and been shaped by colonialism and other contemporary racialized gendered practices through an exploration of community, race, gender, sexuality, identity, representation, and activism. The course also considers the ways in which Indigenous knowledge shape alternative ways of conceptualizing and politicizing history, identity, place, self-determination, land rights, resources and wellbeing. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite.</p>
<p>NS 370</p> <p>The Métis: The Emergence of a People</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p>	<p>NS 370</p> <p>The Métis: The Emergence of a People</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p>

<p>An examination of the factors responsible for the emergence of Métis communities in different areas at different times, with the emphasis on Canada. The development of Métis people together with lifestyles that serve to distinguish them from others will receive much attention. Where applicable, comparisons with similar experiences elsewhere in the world will be made. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty.</p>	<p>An examination of the factors responsible for the emergence of Métis communities in different areas at different times, with the emphasis on Canada. The development of Métis people together with lifestyles that serve to distinguish them from others will receive much attention. Where applicable, comparisons with similar experiences elsewhere in the world will be made. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite.</p>
<p>NS 372</p> <p>Métis Politics</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p> <p>An examination of various Métis political debates: identity, recognition, nationalism, political organizing, self-governance structures, constitutionalization of rights, and theories of Indigenous politics. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. Sections offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar.</p>	<p>NS 372</p> <p>Métis Politics</p> <p>★ 3 (fi 6) Faculty of Native Studies (either term, 3-0-0)</p> <p>An examination of various Métis political debates: identity, recognition, nationalism, political organizing, self-governance structures, constitutionalization of rights, and theories of Indigenous politics. Prerequisites: NS 110, 111 and 240 or 290 or consent of the Faculty. For students outside of the Faculty of Native Studies, NS 200 or NS 201 is the prerequisite. Sections offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar.</p>

Reviewed/Approved by:

<p>Faculty of Native Studies Faculty Council Approved June 9, 2022.</p>
<p>Faculty of Native Studies Academic Affairs Committee Approved May 11, 2022.</p>

Calendar Change Request Form for Program and Regulation Changes

See the [Calendar Guide](#) for tips on how to complete this form.

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Daniel Jin, Linda Youell
Level of change (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Type of change request (check all that apply) [?]	<input checked="" type="checkbox"/> Program <input type="checkbox"/> Regulation
For which term is this intended to take effect?	May 2023 (Calendar change date July 2022)
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes (only to adjust terms offered of 3rd year Collaborative program courses) Course change request form here

Rationale

Nature of requested change:

The Faculty of Nursing is proposing a Fast Track Option for Collaborative Program students entering Year 3 of their program. This would allow them to graduate 8 months sooner (i.e. August of the prior year instead of the following April.) Rationale: We have higher student numbers with a greater demand on clinical agency capacity and clinical instructors. Spreading the Year 3 clinical placement demand across the entire year will allow clinical learning when there is greater capacity for clinical units and instructors. Clinical agencies are very supportive of having students year round. Students have indicated interest in a fast track model that allows them to graduate and begin their nursing career sooner. Our Student Advisory Committee has registered its support. This model also facilitates progress for out of sequence students. We had a popular fast track option for 4th year students in an earlier curriculum.

Calendar Copy

Program Changes:

https://calendar.ualberta.ca/preview_program.php?catoid=36&poide=42893&returnto=11339

Associated Course Changes

https://calendar.ualberta.ca/preview_course_nopop.php?catoid=36&coid=404434

https://calendar.ualberta.ca/preview_course_nopop.php?catoid=36&coid=404435

https://calendar.ualberta.ca/preview_course_nopop.php?catoid=36&coid=404436

https://calendar.ualberta.ca/preview_course_nopop.php?catoid=36&coid=404437

<p>Current</p> <p>Course sequence (Program: Bachelor of Science in Nursing - Collaborative - University of Alberta - Acalog ACMS™)</p> <p>Removed language</p>	<p>Proposed</p> <p>New language</p>
<p>Course Sequence</p> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <p>Year 1 (see Note 1)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> • ENGL (3 units) OR WRS (3 units) (see Note 2) • MMI 133 - Medical Microbiology for Health Care Professionals • NURS 106 - Foundations of Anatomy and Physiology for Nursing • NURS 120 - Foundations for Success in Nursing <p>Winter Term</p> <hr/> <ul style="list-style-type: none"> • NURS 116 - Pathophysiology and Pharmacology I • NURS 124 - Foundations of Nursing I • NURS 125 - Nursing Practice - Health Assessment • NURS 200 - Innovation, Systems Thinking and Leadership in Healthcare <p>Spring/Summer</p> <hr/> <ul style="list-style-type: none"> • INT D 222 - Indigenous Health in Canada 	<p>Course Sequence</p> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <p>Year 1 (see Note 1)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> • ENGL (3 units) OR WRS (3 units) (see Note 2) • MMI 133 - Medical Microbiology for Health Care Professionals • NURS 106 - Foundations of Anatomy and Physiology for Nursing • NURS 120 - Foundations for Success in Nursing <p>Winter Term</p> <hr/> <ul style="list-style-type: none"> • NURS 116 - Pathophysiology and Pharmacology I • NURS 124 - Foundations of Nursing I • NURS 125 - Nursing Practice - Health Assessment • NURS 200 - Innovation, Systems Thinking and Leadership in Healthcare <p>Spring/Summer</p> <hr/> <ul style="list-style-type: none"> • INT D 222 - Indigenous Health in Canada

- Open Elective (3 units)

Year 2 (see Notes 1 and 3)

Fall Term

- [NURS 211 - Statistics and Knowledge Management](#)
- (see Note 4)
- [NURS 220 - Foundations of Nursing II](#)
- [NURS 221 - Introduction to Nursing Practice](#)

Two Term

- [NURS 216 - Pathophysiology and Pharmacology II](#)

Winter Term

- [NURS 224 - Foundations of Nursing III](#)
- [NURS 225 - Introduction to Acute Care Nursing Practice](#)
- [NURS 311 - Evidence Informed Nursing Practice](#)

Spring/Summer

- Elective (3 units) (See Note 5)

Year 3 (see Notes 1 and 6)

Fall Term

- [NURS 300 - Health Policy, Health Care Organizations, Change Management](#)
- [NURS 321 - Advanced Acute Care Nursing Practice I](#)
-
- [NURS 323 - Community Nursing through the Lifespan](#)
- OR

- Open Elective (3 units)

Year 2 (see Notes 1 and 3)

Fall Term

- [NURS 211 - Statistics and Knowledge Management](#)
- (see Note 4)
- [NURS 220 - Foundations of Nursing II](#)
- [NURS 221 - Introduction to Nursing Practice](#)

Two Term

- [NURS 216 - Pathophysiology and Pharmacology II](#)

Winter Term

- [NURS 224 - Foundations of Nursing III](#)
- [NURS 225 - Introduction to Acute Care Nursing Practice](#)
- [NURS 311 - Evidence Informed Nursing Practice](#)

Spring/Summer

- Elective (3 units) (See Note 5)

Year 3 (see Notes 1 and 6)

Fall Term

- [NURS 300 - Health Policy, Health Care Organizations, Change Management](#)
- [NURS 321 - Advanced Acute Care Nursing Practice I](#)
-
- [NURS 323 - Community Nursing through the Lifespan](#)
- OR

- [NURS 327 - Mental Health and Wellness in Nursing](#)

Winter Term

- [NURS 323 - Community Nursing through the Lifespan](#) OR
- [NURS 327 - Mental Health and Wellness in Nursing](#)
- [NURS 325 - Advanced Acute Care Nursing Practice II](#)
- [NURS 400 - Leadership in Nursing and Interprofessional Practice](#)

Year 4 (see Notes 1 and 7)

Fall Term (see Note 8)

- [NURS 485 - Nursing Practice in a Focused Area](#)

Winter Term (see Note 8)

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [NURS 422 - Contemporary Issues in Healthcare Ethics and Law](#)
- [NURS 425 - Nursing Leadership in a Focus Area](#)

Notes

1. Courses may be configured differently depending on clinical placement availability.
2. Any junior- or senior-level English or Writing Studies course. Students should consult Department of English guidelines regarding prerequisites for senior-level courses.
3. To proceed to Year 2, students must have successfully completed all courses listed in Year 1.
4. An equivalent STAT (3 units) course may be accepted in lieu of NURS 211.
5. Elective may be taken at any time in the

- [NURS 327 - Mental Health and Wellness in Nursing](#)

Winter Term

- [NURS 323 - Community Nursing through the Lifespan](#) OR
- [NURS 327 - Mental Health and Wellness in Nursing](#)
- [NURS 325 - Advanced Acute Care Nursing Practice II](#)
- [NURS 400 - Leadership in Nursing and Interprofessional Practice](#)

Year 4 (see Notes 1 and 7)

Fall Term (see Note 8)

- [NURS 485 - Nursing Practice in a Focused Area](#)

Winter Term (see Note 8)

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [NURS 422 - Contemporary Issues in Healthcare Ethics and Law](#)
- [NURS 425 - Nursing Leadership in a Focus Area](#)

Course Sequence - Fast Track Program (see Note 9)

Year 1 (see Note 1)

Fall Term

- ENGL (3 units) OR WRS (3 units) (see Note 2)
- [MMI 133 - Medical Microbiology for Health Care](#)

program prior to Year 4.

6. To proceed to Year 3, students must have successfully completed all courses listed in Years 1 and 2:
7. To proceed to Year 4, students must have successfully completed all courses listed in Years 1, 2, and 3:
8. NURS 485 may be offered in Winter Term of Year 4. In this case, students would take NURS 422 and 425 in Fall Term:

Professionals

- [NURS 106 - Foundations of Anatomy and Physiology for Nursing](#)
- [NURS 120 - Foundations for Success in Nursing](#)

Winter Term

- [NURS 116 - Pathophysiology and Pharmacology I](#)
- [NURS 124 - Foundations of Nursing I](#)
- [NURS 125 - Nursing Practice - Health Assessment](#)
- [NURS 200 - Innovation, Systems Thinking and Leadership in Healthcare](#)

Spring/Summer

- [INT D 222 - Indigenous Health in Canada](#)
- Open Elective (3 units)

Year 2 (see Notes 1 and 3)

Fall Term

- [NURS 211 - Statistics and Knowledge Management](#)
- (see Note 4)
- [NURS 220 - Foundations of Nursing II](#)
- [NURS 221 - Introduction to Nursing Practice](#)

Two Term

- [NURS 216 - Pathophysiology and Pharmacology II](#)

Winter Term

- [NURS 224 - Foundations of Nursing III](#)
- [NURS 225 - Introduction to Acute Care Nursing Practice](#)
- [NURS 311 - Evidence Informed Nursing](#)

Practice

Spring and Summer Two Term

- NURS 300 - Health Policy, Health Care Organizations, Change Management

Spring Term

- NURS 321 - Advanced Acute Care Nursing Practice I

Summer Term

- NURS 323 - Community Nursing through the Lifespan OR
- NURS 327 - Mental Health and Wellness in Nursing

Year 3 (see Note 1 and Note 7)

Fall Term

- NURS 323 - Community Nursing through the Lifespan OR
- NURS 327 - Mental Health and Wellness in Nursing
- NURS 325 - Advanced Acute Care Nursing Practice II
- NURS 400 - Leadership in Nursing and Interprofessional Practice

Winter Term (see Note 8)

- NURS 485 - Nursing Practice in a Focused Area

Spring and Summer Two Term

- INT D 420 - Perspectives on Inclusive and Global Health
- NURS 422 - Contemporary Issues in Healthcare

Ethics and Law

- NURS 425 - Nursing Leadership in a Focus Area

Notes

1. Courses may be configured differently depending on clinical placement availability.
2. Any junior- or senior-level English or Writing Studies course. Students should consult Department of English guidelines regarding prerequisites for senior-level courses.
3. To proceed to Year 2, students must have successfully completed all courses listed in Year 1.
4. An equivalent STAT (3 units) course may be accepted in lieu of NURS 211.
5. Elective may be taken at any time in the program prior to Year 4.
6. To proceed to Year 3/**Spring of Year 2 Fast Track**, students must have successfully completed all courses listed in Years 1 and 2.
7. To proceed to Year 4/**Winter of Year 3 Fast Track**, students must have successfully completed all courses listed in Years 1, 2, and 3/ Fast Track terms up to Fall of Year 3.
8. NURS 485 and NURS 422, NURS 425, INT D 420 may be taken in reverse order if offered.
9. The Fast Track program will only accept Collaborative BScN students (excluding Collaborative Honors students) in their second year; students must have completed 2 electives or 1 elective and NURS 122 prior to the end of Winter Term of their second year to be eligible
([Faculty of Nursing- Collaborative Program](#))

Reviewed/Approved by:

REQUIRED: Executive Committee (for Faculty Council) April 29, 2022; University Governance: PST,

Undergraduate Curriculum Committee April 12, 2022; Faculty Caucus April 25 & 26, 2022

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Dianne Tapp (Associate Dean Graduate Studies)
Level of change: (choose one only) [?]	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Things to consider (maximum 500 words): Why is this being changed; How will it benefit students/department/unit; How is this comparable to similar programs (internal or external); Historical context; Impacts to administration or program structure; Consultation with stakeholders

NURS 508 was introduced as an elective to the MN curriculum more than a decade ago, with emphasis on health technology assessment and economic theory. Since that time, the digital health landscape has evolved dramatically, with increasing sophistication of clinical information systems and EHealth records, and emerging healthcare applications in areas such as artificial intelligence, big data, machine learning, genomics, precision medicine, wearable technologies, robotics, telehealth and virtual care. Graduate students in diverse roles in nursing and other health disciplines need to understand digitally rich healthcare environments to practice competently in their fields, and to lead health system transformation. The proposed change in title and content is intended to update this course, which will be relevant to students in all advanced focus areas in the Master of Nursing curriculum, and may be of interest to graduate students in other health science faculties.

Course Template

Current: Removed language	Proposed: New language
Subject & Number NURS 508 Title Health Care Technology and Innovation Course Career Graduate Units 3 Approved Hours 0-3S-0 Fee index 6 Faculty Nursing Department Nursing Typically Offered either term Description The focus of this course is on the context of healthcare organizations and economic theory relevant to technology or innovation adoption.	Subject & Number NURS 508 Title <u>Leading Digital Health Transformation</u> Course Career Graduate Units 3 Approved Hours 0-3S-0 Fee index 6 Faculty Nursing Department Nursing Typically Offered either term Description This course focuses on the interdisciplinary fields of digital health and informatics, enabling a critical examination of the opportunities and challenges associated with the rapid and complex digital transformation of healthcare to improve health and wellness, and quality and safety of patient-centric care. Emphasis is placed on understanding the landscape of digital health, its applications, and emerging trends and issues.

Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.

- GPST Graduate Program Support Team - August 29, 2022
- Faculty of Nursing Council October 24, 2022
- Policy Review Committee - November 10, 2022
- FGSR Council - December 7, 2022
- Programs Committee - January 12, 2022

OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

- Faculty of Nursing Graduate Education Committee - September 7, 2022
- Faculty of Nursing Caucus - September 26, 2022

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Dianne Tapp (Associate Dean Graduate Studies)
Level of change: (choose one only) [?]	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Things to consider (maximum 500 words): Why is this being changed; How will it benefit students/department/unit; How is this comparable to similar programs (internal or external); Historical context; Impacts to administration or program structure; Consultation with stakeholders

Major revisions were introduced to the Master of Nursing Curriculum in 2021-2022. A series of three one-credit courses (NURS 589, 590, 591) were introduced to engage master’s students in a “community of inquiry” that introduces students to the nature of nursing scholarship and research in the Faculty of Nursing, and guides them to systematically choose and refine a capstone/thesis topic, explore relevant literature, and develop their project proposals. Course instructors work collaboratively and engage individual graduate supervisors as needed throughout. The proposed change in titles for these three courses is intended to emphasize the explicit linkages to the capstone/thesis proposal development.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number NURS 589</p> <p>Title Community of Inquiry I Engaging with Nursing Scholarship</p> <p>Course Career Graduate Units 1 Approved Hours 0-1S-0 Fee index 2 Faculty Nursing Department Nursing Typically Offered either</p> <p>Description Deepen understanding of the nature of nursing scholarship and research by engaging with the work of nursing faculty researchers. Emphasis is placed on developing collaborative critical dialogue as an introduction to systematic enquiry into a topic of relevance to the student’s selected area of advanced focus.</p>	<p>Subject & Number NURS 589</p> <p>Title Community of Inquiry & Proposal Development I</p> <p>Course Career Graduate Units 1 Approved Hours 0-1S-0 Fee index 2 Faculty Nursing Department Nursing Typically Offered Fall</p> <p>Description Deepen understanding of the nature of nursing scholarship and research by engaging with the work of nursing faculty researchers. Emphasis is placed on developing collaborative critical dialogue as an introduction to systematic enquiry into a topic of relevance to the student’s selected area of advanced focus.</p>

Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.

- GPST Graduate Program Support Team - August 29, 2022
- Faculty of Nursing Council October 24, 2022
- Policy Review Committee - November 10, 2022
- FGSR Council - December 7, 2022
- Programs Committee - January 12, 2022

OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

- Faculty of Nursing Graduate Education Committee - September 7, 2022
- Faculty of Nursing Caucus - September 26, 2022

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Dianne Tapp (Associate Dean Graduate Studies)
Level of change: (choose one only) [?]	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Things to consider (maximum 500 words): Why is this being changed; How will it benefit students/department/unit; How is this comparable to similar programs (internal or external); Historical context; Impacts to administration or program structure; Consultation with stakeholders

Major revisions were introduced to the Master of Nursing Curriculum in 2021-2022. A series of three one-credit courses (NURS 589, 590, 591) were introduced to engage master’s students in a “community of inquiry” that introduces students to the nature of nursing scholarship and research in the Faculty of Nursing, and guides them to systematically choose and refine a capstone/thesis topic, explore relevant literature, and develop their project proposals. Course instructors work collaboratively and engage individual graduate supervisors as needed throughout. The proposed change in titles for these three courses is intended to emphasize the explicit linkages to the capstone/thesis proposal development.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number NURS 590</p> <p>Title Community of Inquiry II - Research Question and Literature Review</p> <p>Course Career Graduate Units 1 Approved Hours 0-1S-0 Fee index 2 Faculty Nursing Department Nursing Typically Offered either</p> <p>Description Explore development of questions appropriate for systematic research and inquiry. Emphasis is placed on locating and exploring literature that informs the current state and limits of knowledge relevant to the student’s selected advanced focus area of study. Prerequisite: NURS 589</p>	<p>Subject & Number NURS 590</p> <p>Title Community of Inquiry & Proposal Development II</p> <p>Course Career Graduate Units 1 Approved Hours 0-1S-0 Fee index 2 Faculty Nursing Department Nursing Typically Offered Winter</p> <p>Description Explore development of questions appropriate for systematic research and inquiry. Emphasis is placed on locating and exploring literature that informs the current state and limits of knowledge relevant to the student’s selected advanced focus area of study. Prerequisite: NURS 589</p>

Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.

- GPST Graduate Program Support Team - August 29, 2022
- Faculty of Nursing Council October 24, 2022
- Policy Review Committee - November 10, 2022
- FGSR Council - December 7, 2022
- Programs Committee - January 12, 2022

OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

- Faculty of Nursing Graduate Education Committee - September 7, 2022
- Faculty of Nursing Caucus - September 26, 2022

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Dianne Tapp (Associate Dean Graduate Studies)
Level of change: (choose one only) [?]	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Things to consider (maximum 500 words): Why is this being changed; How will it benefit students/department/unit; How is this comparable to similar programs (internal or external); Historical context; Impacts to administration or program structure; Consultation with stakeholders

Major revisions were introduced to the Master of Nursing Curriculum in 2021-2022. A series of three one-credit courses (NURS 589, 590, 591) were introduced to engage master's students in a "community of inquiry" that introduces students to the nature of nursing scholarship and research in the Faculty of Nursing, and guides them to systematically choose and refine a capstone/thesis topic, explore relevant literature, and develop their project proposals. Course instructors work collaboratively and engage individual graduate supervisors as needed throughout. The proposed change in titles for these three courses is intended to emphasize the explicit linkages to the capstone/thesis proposal development.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number NURS 591</p> <p>Title Community of Inquiry III Building Collaborative Inquiry</p> <p>Course Career Graduate</p> <p>Units 1</p> <p>Approved Hours 0-1S-0</p> <p>Fee index 2</p> <p>Faculty Nursing</p> <p>Department Nursing</p> <p>Typically Offered either</p> <p>Description Build collaborative capacity in the development of systematic research and inquiry. Emphasis is placed on peer review of capstone and thesis proposal development and on strengthening communication skills for the effective articulation of ideas and arguments to and with diverse audiences. Prerequisite: NURS 590.</p>	<p>Subject & Number NURS 591</p> <p>Title Community of Inquiry & Proposal Development III</p> <p>Course Career Graduate</p> <p>Units 1</p> <p>Approved Hours 0-1S-0</p> <p>Fee index 2</p> <p>Faculty Nursing</p> <p>Department Nursing</p> <p>Typically Offered Spring or Fall</p> <p>Description Build collaborative capacity in the development of systematic research and inquiry. Emphasis is placed on peer review of capstone and thesis proposal development and on strengthening communication skills for the effective articulation of ideas and arguments to and with diverse audiences. Prerequisite: NURS 590.</p>

Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.

- GPST Graduate Program Support Team - August 29, 2022
- Faculty of Nursing Council October 24, 2022
- Policy Review Committee - November 10, 2022
- FGSR Council - December 7, 2022
- Programs Committee - January 12, 2022

OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

- Faculty of Nursing Graduate Education Committee - September 7, 2022
- Faculty of Nursing Caucus - September 26, 2022

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Dianne Tapp (Associate Dean Graduate Studies)
Level of change: (choose one only) [?]	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2023

Rationale

Things to consider (maximum 500 words): Why is this being changed; How will it benefit students/department/unit; How is this comparable to similar programs (internal or external); Historical context; Impacts to administration or program structure; Consultation with stakeholders

Major revisions were introduced to the Master of Nursing Curriculum in 2021-2022. A series of three one-credit courses (NURS 589, 590, 591) were introduced to engage master’s students in a “community of inquiry” that introduces students to the nature of nursing scholarship and research in the Faculty of Nursing, and guides them to systematically choose and refine a capstone/thesis topic, explore relevant literature, and develop their project proposals. For course-based students, this series culminates in NURS 900 as they work closely with a faculty member who serves as their capstone supervisor while engaging in a regular weekly seminar which supports completion of the project and writing of the capstone report.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number NURS 900</p> <p>Title Guided Scholarly Project</p> <p>Course Career Graduate</p> <p>Units 3</p> <p>Approved Hours UNASSIGNED</p> <p>Fee index 6</p> <p>Faculty Nursing</p> <p>Department Nursing</p> <p>Typically Offered either term</p> <p>Description A guided scholarly project which will focus on areas such as clinical outcomes, evidence-based practice, quality improvement, or knowledge diffusion.</p>	<p>Subject & Number NURS 900</p> <p>Title Capstone Project</p> <p>Course Career Graduate</p> <p>Units 3</p> <p>Approved Hours 0-3S-0</p> <p>Fee index 6</p> <p>Faculty Nursing</p> <p>Department Nursing</p> <p>Typically Offered either term</p> <p>Description Course-based MN students complete a capstone project which focuses on areas such as clinical outcomes, evidence-based practice, quality improvement, or knowledge diffusion. Based upon an approved proposal for the capstone project, students are guided through implementation planning and academic writing exercises that support the completion of the capstone project report.</p>

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Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.

- GPST Graduate Program Support Team - August 29, 2022
- Faculty of Nursing Council October 24, 2022
- Policy Review Committee - November 10, 2022
- FGSR Council - December 7, 2022
- Programs Committee - January 12, 2022

OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

- Faculty of Nursing Graduate Education Committee - September 7, 2022
- Faculty of Nursing Caucus - September 26, 2022

Department of Mathematical & Statistical Sciences
Proposed Change to Course-Based Master's Program in Statistics
May 10, 2022

Current	Proposed
<p>STAT 537 - Statistical Methods for Applied Research II ★ 3 (fi 6)(EITHER, 3-0-0) Review of basic statistical concepts of inference and probability theory. Includes applied methods of Linear and non-linear regression and analysis of variance for designed experiments, multiple comparisons, correlations, modeling and variable selection, multicolinearity, predictions, confounding and Simpson's paradox. Includes case studies and real data applications. Each researcher works on a project to present, highlighting the methods used in the project. Prerequisite: STAT 437 equivalent or consent of the instructor. Cannot be used for credit towards a graduate program in Statistics.</p>	<p>STAT 537 - Statistical Methods for Applied Research II ★ 3 (fi 6)(EITHER, 3-0-0) Review of basic statistical concepts of inference and probability theory. Includes applied methods of Linear and non-linear regression and analysis of variance for designed experiments, multiple comparisons, correlations, modeling and variable selection, multicollinearity, predictions, confounding and Simpson's paradox. Includes case studies and real data applications. Each researcher works on a project to present, highlighting the methods used in the project. Prerequisite: STAT 437 equivalent or consent of the instructor.</p>

Rationale: Because STAT 537 is offered to students as an alternative to STAT 590 and will be part of the course-based master's program in Statistics, we remove the restriction that STAT 537 cannot be used for credit towards a graduate program in Statistics. Additionally, a spelling mistake in the word "multicollinearity" has been fixed.

- approved by the Department Council of Mathematical & Statistical Sciences on May 10, 2022
- approved by the Science Associate Dean Graduate and the Science Associate Chairs Graduate on May 26, 2022 under delegated authority of the Science Faculty Council

Department of Mathematical & Statistical Sciences
Proposed Change to Course-Based Master's Program in Statistics
May 10, 2022

Current	Proposed
<p>University Calendar</p> <p>The Degree of MSc with a specialization in Statistics</p> <p>Course-based MSc</p> <p>Students are required to complete a minimum of 24 units in graduate-level coursework, including a 3-unit capping project, and a practicum requirement.</p> <p>Coursework (21 units):</p> <ul style="list-style-type: none"> • STAT 513 • STAT 541 • STAT 590 • Four 3-unit approved graduate-level STAT courses, to be chosen from the following in consultation with the advisor: <ul style="list-style-type: none"> ○ STAT 512 ○ STAT 532 ○ STAT 561 ○ STAT 566 ○ STAT 562 ○ STAT 568 ○ STAT 575 ○ STAT 578 ○ STAT 580 • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required. 	<p>University Calendar</p> <p>The Degree of MSc with a specialization in Statistics</p> <p>Course-based MSc</p> <p>Students are required to complete a minimum of 24 units in graduate-level coursework, including a 3-unit capping project, and a practicum requirement.</p> <p>Coursework (21 units):</p> <ul style="list-style-type: none"> • STAT 513 • STAT 537 or STAT 590 • STAT 541 • Four 3-unit approved graduate-level STAT courses, to be chosen from the following in consultation with the advisor: <ul style="list-style-type: none"> ○ STAT 512 ○ STAT 532 ○ STAT 561 ○ STAT 562 ○ STAT 566 ○ STAT 568 ○ STAT 575 ○ STAT 578 ○ STAT 580 • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required.

Rationale: STAT 537 (Statistical Methods for Applied Research II) is a new course introduced in Fall 2021. It is a required course in the course-based master's program in Modelling, Data and Predictions. Both STAT 537 and STAT 590 (Statistical Consulting) include a project component and deal with applied research in statistics. Members of the Statistics Group propose to allow for STAT 537 or STAT 590 (instead of the sole requirement of STAT 590) as a requirement in the course-based master's program in Statistics. With this change, STAT 590 does not need to be offered every year.

- approved by the Department Council of Mathematical & Statistical Sciences on May 10, 2022
- approved by the Science Associate Dean Graduate and the Science Associate Chairs Graduate on May 26, 2022 under delegated authority of the Science Faculty Council

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

Current	Proposed
<p>MSc with a specialization in Biostatistics</p> <p>Program Requirements</p>	<p>MSc with a specialization in Biostatistics</p> <p>Program Requirements</p>
<p>The MSc with a specialization in Biostatistics may be taken as a thesis-based program or a course-based program.</p> <p>Thesis-based MSc</p>	<p>The MSc with a specialization in Biostatistics may be taken as a thesis-based program or a course-based program.</p> <p>Thesis-based MSc</p>
<p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, a practicum requirement, and a thesis.</p> <p>Coursework (18 units)</p>	<p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, and a thesis.</p> <p>Coursework (18 units)</p>
<ul style="list-style-type: none"> • STAT 532 • STAT 562 • STAT 566 OR STAT 664 • At least two of <ul style="list-style-type: none"> ○ SPH 597 ○ OR SPH 596 and a 1-unit SPH course in Epidemiology (SPH 561 is recommended) ○ SPH 696 • One of the following <ul style="list-style-type: none"> ○ STAT 561 ○ STAT 568 ○ STAT 575 ○ STAT 578 ○ Other approved options may be taken. 	<ul style="list-style-type: none"> • STAT 532 • STAT 562 • STAT 566 OR STAT 664 • At least two of <ul style="list-style-type: none"> ○ SPH 597 ○ OR SPH 596 and a 1-unit SPH course in Epidemiology (SPH 561 is recommended) ○ SPH 696 • One of the following <ul style="list-style-type: none"> ○ STAT 561 ○ STAT 568 ○ STAT 575 ○ STAT 578 ○ Other approved options may be taken.

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies) • Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>	<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies) • Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>
<ul style="list-style-type: none"> • Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium. <p>Practicum Requirement</p>	<ul style="list-style-type: none"> • Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium.
<p>Students must complete a 39 hour practicum at the Training Consulting Centre (or equivalent).</p> <p>Thesis</p>	<p>Thesis</p>
<ul style="list-style-type: none"> • Registration in 900-level THES. 	<ul style="list-style-type: none"> • Registration in 900-level THES. <p>Training and Consulting Centre</p> <p>As part of the educational experience, thesis-based MSc students in the Biostatistics program can participate as consultants in the Training and Consulting Centre (TCC), after having completed 39 hours as TCC observers. They are academically evaluated by the Director of the TCC. Graduate Research Assistantship Fellowships may be provided to the thesis-based graduate students involved in the TCC as consultants.</p>

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

Current	Proposed
<p>MSc with a specialization in Statistics</p> <p>Program Requirements</p>	<p>MSc with a specialization in Statistics</p> <p>Program Requirements</p>
<p>The MSc with a specialization in Statistics may be taken as a thesis-based program or a course-based program.</p> <p>Thesis-based MSc</p>	<p>The MSc with a specialization in Statistics may be taken as a thesis-based program or a course-based program.</p> <p>Thesis-based MSc</p>
<p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, and a thesis.</p> <p>Coursework (18 units)</p>	<p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, and a thesis.</p> <p>Coursework (18 units)</p>
<ul style="list-style-type: none"> • At least two of <ul style="list-style-type: none"> ◦ <u>STAT 566</u> OR <u>STAT 664</u> ◦ <u>STAT 665</u> ◦ <u>STAT 571</u> • At least two of <ul style="list-style-type: none"> ◦ <u>STAT 512</u> ◦ <u>STAT 532</u> ◦ <u>STAT 561</u> ◦ <u>STAT 568</u> ◦ <u>STAT 575</u> ◦ <u>STAT 578</u> ◦ <u>STAT 679</u> • Two additional 3-unit graduate-level courses, to be chosen in consultation with the supervisor. • All coursework to be counted towards 	<ul style="list-style-type: none"> • At least two of <ul style="list-style-type: none"> ◦ <u>STAT 566</u> OR <u>STAT 664</u> ◦ <u>STAT 665</u> ◦ <u>STAT 571</u> • At least two of <ul style="list-style-type: none"> ◦ <u>STAT 512</u> ◦ <u>STAT 532</u> ◦ <u>STAT 561</u> ◦ <u>STAT 568</u> ◦ <u>STAT 575</u> ◦ <u>STAT 578</u> ◦ <u>STAT 679</u> • Two additional 3-unit graduate-level courses, to be chosen in consultation with the supervisor. • All coursework to be counted towards

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<p>the program requirements must be approved by the Associate Chair (Graduate Studies).</p> <ul style="list-style-type: none"> Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>	<p>the program requirements must be approved by the Associate Chair (Graduate Studies).</p> <ul style="list-style-type: none"> Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>
<ul style="list-style-type: none"> Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium. <p>Thesis</p>	<ul style="list-style-type: none"> Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium. <p>Thesis</p>
<ul style="list-style-type: none"> Registration in 900-level THES 	<ul style="list-style-type: none"> Registration in 900-level THES <p>Training and Consulting Centre</p> <p>As part of the educational experience, thesis-based MSc students in the Statistics program can participate as consultants in the Training and Consulting Centre (TCC), after having completed 39 hours as TCC observers. They are academically evaluated by the Director of the TCC. Graduate Research Assistantship Fellowships may be provided to the thesis-based graduate students involved in the TCC as consultants.</p>

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

Current	Proposed
<p>MSc with a specialization in Statistical Machine Learning</p> <p>Program Requirements</p> <p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, and a thesis.</p> <p>Coursework (18 units)</p>	<p>MSc with a specialization in Statistical Machine Learning</p> <p>Program Requirements</p> <p>Students are required to complete a minimum of 20 units in graduate-level coursework, including a colloquium requirement, and a thesis.</p> <p>Coursework (18 units)</p>
<ul style="list-style-type: none"> • Two of <ul style="list-style-type: none"> ◦ STAT 571 ◦ STAT 566 ◦ STAT 665 • Two 3-unit graduate-level courses from the Department of Computing Science, relevant to machine learning and chosen in consultation with the supervisor. <ul style="list-style-type: none"> ◦ Students taking this program through the Department of Computing Science are required to take CMPUT 603. ◦ Students taking this program through the Department of Mathematical and Statistical Sciences may take CMPUT 603. • Two additional 3-unit approved graduate-level courses, to be chosen in consultation with the supervisor. 	<ul style="list-style-type: none"> • Two of <ul style="list-style-type: none"> ◦ STAT 571 ◦ STAT 566 ◦ STAT 665 • Two 3-unit graduate-level courses from the Department of Computing Science, relevant to machine learning and chosen in consultation with the supervisor. <ul style="list-style-type: none"> ◦ Students taking this program through the Department of Computing Science are required to take CMPUT 603. ◦ Students taking this program through the Department of Mathematical and Statistical Sciences may take CMPUT 603. • Two additional 3-unit approved graduate-level courses, to be chosen in consultation with the supervisor.

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<ul style="list-style-type: none"> • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>	<ul style="list-style-type: none"> • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required. <p>Graduate Colloquium (2 units)</p>
<ul style="list-style-type: none"> • Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium. <p>Thesis</p>	<ul style="list-style-type: none"> • Students must complete two terms of <u>MATH 601</u> and give a presentation in the Graduate Colloquium. <p>Thesis</p>
<ul style="list-style-type: none"> • Registration in 900-level THES 	<ul style="list-style-type: none"> • Registration in 900-level THES <p>Training and Consulting Centre</p> <p>As part of the educational experience, MSc students in the Statistical Machine Learning program can participate as consultants in the Training and Consulting Centre (TCC), after having completed 39 hours as TCC observers. They are academically evaluated by the Director of the TCC. Graduate Research Assistantship Fellowships may be provided to the thesis-based graduate students involved in the TCC as consultants.</p>

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

Current	Proposed
<p>Doctor of Philosophy with a specialization in Statistics</p> <p>Program Requirements</p> <p>Students entering the program with no MSc or with an MSc from this Department must complete a minimum of 32 units in coursework, including a 2-unit colloquium requirement, and a thesis. Courses taken during the MSc in this department may be included in this total.</p> <p>Students entering the program with an MSc from outside the Department must complete a minimum of 20 units in coursework, including a 2-unit colloquium requirement, and a thesis.</p> <p>Core Courses (18 units)</p>	<p>Doctor of Philosophy with a specialization in Statistics</p> <p>Program Requirements</p> <p>Students entering the program with no MSc or with an MSc from this Department must complete a minimum of 32 units in coursework, including a 2-unit colloquium requirement, and a thesis. Courses taken during the MSc in this department may be included in this total.</p> <p>Students entering the program with an MSc from outside the Department must complete a minimum of 20 units in coursework, including a 2-unit colloquium requirement, and a thesis.</p> <p>Core Courses (18 units)</p>
<p>At least 12 units of the core courses must be completed in the Entrance Year of the doctoral program</p> <ul style="list-style-type: none"> • <u>STAT 664</u> • <u>STAT 665</u> • <u>STAT 571</u> • Three of the following: <ul style="list-style-type: none"> ○ <u>STAT 512</u> ○ <u>STAT 532</u> ○ <u>STAT 561</u> ○ <u>STAT 562</u> 	<p>At least 12 units of the core courses must be completed in the Entrance Year of the doctoral program</p> <ul style="list-style-type: none"> • <u>STAT 664</u> • <u>STAT 665</u> • <u>STAT 571</u> • Three of the following: <ul style="list-style-type: none"> ○ <u>STAT 512</u> ○ <u>STAT 532</u> ○ <u>STAT 561</u> ○ <u>STAT 562</u>

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<ul style="list-style-type: none"> ○ STAT 568 ○ STAT 575 ○ STAT 578 <p>Optional courses</p>	<ul style="list-style-type: none"> ○ STAT 568 ○ STAT 575 ○ STAT 578 <p>Optional courses</p>
<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required. <p>Advisory Exams</p>	<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required. <p>Advisory Exams</p>
<p>All doctoral students in Statistics must take Advisory Exams at the beginning of the first term of their program. Students who obtained an MSc degree in Statistics from this University are exempt. Students who changed program category from the MSc in Statistics to the PhD in Statistics are exempt provided they meet their Entrance year requirement.</p> <p>Graduate Colloquium (2 units)</p>	<p>All doctoral students in Statistics must take Advisory Exams at the beginning of the first term of their program. Students who obtained an MSc degree in Statistics from this University are exempt. Students who changed program category from the MSc in Statistics to the PhD in Statistics are exempt provided they meet their Entrance year requirement.</p> <p>Graduate Colloquium (2 units)</p>
<ul style="list-style-type: none"> • Students must complete two terms of MATH 601 and give a presentation in the Graduate Colloquium, unless this requirement was fulfilled as an MSc student in the Department. <p>Thesis</p>	<ul style="list-style-type: none"> • Students must complete two terms of MATH 601 and give a presentation in the Graduate Colloquium, unless this requirement was fulfilled as an MSc student in the Department. <p>Thesis</p>
<ul style="list-style-type: none"> • Registration in 900-level THES. The principal requirement for the PhD is a 	<ul style="list-style-type: none"> • Registration in 900-level THES. The principal requirement for the PhD is a

Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs

substantial contribution to knowledge, embodied in a thesis.

substantial contribution to knowledge, embodied in a thesis.

Training and Consulting Centre

As part of the educational experience, PhD students in the Statistics program can participate as consultants in the Training and Consulting Centre (TCC), after having completed 39 hours as TCC observers. They are academically evaluated by the Director of the TCC. Graduate Research Assistantship Fellowships may be provided to the thesis-based graduate students involved in the TCC as consultants.

Candidacy Exam

Candidacy Exam

It is strongly recommended that students take their candidacy exam before the end of their second year in the PhD program. All course requirements should have been met prior to the candidacy exam.

It is strongly recommended that students take their candidacy exam before the end of their second year in the PhD program. All course requirements should have been met prior to the candidacy exam.

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

Current	Proposed
<p>Doctor of Philosophy with a specialization in Statistical Machine Learning</p> <p>Students can alternately apply to the Department of Computing Science to participate in this program.</p> <p>Program Requirements</p> <p>Students entering the program with no MSc or with an MSc from this Department must complete a minimum of 32 units in coursework, including a 2-unit colloquium requirement, and a thesis. Courses taken during the MSc in this department may be included in this total.</p> <p>Students entering the program with an MSc from outside the Department must complete a minimum of 20 units in coursework, including a 2-unit colloquium requirement, and a thesis.</p> <p>Core Courses (12 units)</p>	<p>Doctor of Philosophy with a specialization in Statistical Machine Learning</p> <p>Students can alternately apply to the Department of Computing Science to participate in this program.</p> <p>Program Requirements</p> <p>Students entering the program with no MSc or with an MSc from this Department must complete a minimum of 32 units in coursework, including a 2-unit colloquium requirement, and a thesis. Courses taken during the MSc in this department may be included in this total.</p> <p>Students entering the program with an MSc from outside the Department must complete a minimum of 20 units in coursework, including a 2-unit colloquium requirement, and a thesis.</p> <p>Core Courses (12 units)</p>
<p>Core courses must be completed in the Entrance Year of the doctoral program</p> <ul style="list-style-type: none"> • Two of the following: <ul style="list-style-type: none"> ◦ STAT 571 	<p>Core courses must be completed in the Entrance Year of the doctoral program</p> <ul style="list-style-type: none"> • Two of the following: <ul style="list-style-type: none"> ◦ STAT 571

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<ul style="list-style-type: none"> ○ STAT 566 OR STAT 664 ○ STAT 665 • Two 3-unit courses at the Department of Computing Science chosen in consultation with the supervisor. <p>Optional courses</p>	<ul style="list-style-type: none"> ○ STAT 566 OR STAT 664 ○ STAT 665 • Two 3-unit courses at the Department of Computing Science chosen in consultation with the supervisor. <p>Optional courses</p>
<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • Approved graduate courses offered by the Department of Computing Science may be used as deemed appropriate <ul style="list-style-type: none"> ○ Students taking this program through the Department of Computing Science are required to take CMPUT 603. ○ Students taking this program through the Department of Mathematical and Statistical Sciences may take CMPUT 603. • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required <p>Graduate Colloquium (2 units)</p>	<ul style="list-style-type: none"> • All coursework must be chosen in consultation with the supervisor • Approved graduate courses offered by the Department of Computing Science may be used as deemed appropriate <ul style="list-style-type: none"> ○ Students taking this program through the Department of Computing Science are required to take CMPUT 603. ○ Students taking this program through the Department of Mathematical and Statistical Sciences may take CMPUT 603. • All coursework to be counted towards the program requirements must be approved by the Associate Chair (Graduate Studies). • Additional coursework may be required <p>Graduate Colloquium (2 units)</p>
<ul style="list-style-type: none"> • Students must complete two terms of MATH 601 and give a presentation in the Graduate Colloquium, unless this requirement was fulfilled as an MSc student in the Department. <p>Thesis</p>	<ul style="list-style-type: none"> • Students must complete two terms of MATH 601 and give a presentation in the Graduate Colloquium, unless this requirement was fulfilled as an MSc student in the Department. <p>Thesis</p>
<ul style="list-style-type: none"> • Registration in 900-level THES. The principal requirement for the PhD is a 	<ul style="list-style-type: none"> • Registration in 900-level THES. The principal requirement for the PhD is a

**Department of Mathematical & Statistical Sciences
Proposed Calendar Changes to Graduate Programs**

<p>substantial contribution to knowledge, embodied in a thesis.</p> <p align="center">Candidacy Exam</p>	<p>substantial contribution to knowledge, embodied in a thesis.</p> <p align="center">Training and Consulting Centre</p> <p>As part of the educational experience, PhD students in the Statistical Machine Learning program can participate as consultants in the Training and Consulting Centre (TCC), after having completed 39 hours as TCC observers. They are academically evaluated by the Director of the TCC. Graduate Research Assistantship Fellowships may be provided to the thesis-based graduate students involved in the TCC as consultants.</p> <p align="center">Candidacy Exam</p>
<p>It is strongly recommended that students take their candidacy exam before the end of their second year in the PhD program. All course requirements should have been met prior to the candidacy exam.</p>	<p>It is strongly recommended that students take their candidacy exam before the end of their second year in the PhD program. All course requirements should have been met prior to the candidacy exam.</p>

Rationale: The proposed changes clarify that thesis-based master's and PhD students in the Biostatistics, Statistics, and Statistical Machine Learning programs can participate as consultants in the Training and Consulting Centre (TCC). Graduate Research Assistantship Fellowships may be given to the thesis-based graduate students involved in the TCC as consultants.

All these changes were unanimously approved by

- the Department Council of Mathematical and Statistical Sciences on June 24, 2022
- the Science Associate Dean and Science Associate Chairs Graduate on June 28, 2022 under delegated authority of the Science Faculty Council

FINAL Item No. 6

**Governance Executive Summary
Action**

Agenda Title	Proposed Revision to the Exploration Credits Policy
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Motion

<p>THAT the GFC Programs Committee recommend that General Faculties Council approve the revision to the Calendar language for the Exploration Credit Policy as set forth in attachment 1 to take effect upon approval.</p>
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Item

Action Requested	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Recommendation
Proposed by	Office of the Provost and Vice-President (Academic)
Presenter	Anna Hughes, Associate Registrar

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is (please be specific)	The proposal is before the committee to clarify the process for approval of course exclusions for the implementation of the GFC approved Exploration Credits Policy.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>At its meeting of March 21, 2022, GFC approved the Exploration Credits Policy, a joint venture of the Office of the Provost, the Office of the Registrar, and the University of Alberta Students' Union aimed at facilitating opportunities for interdisciplinary study. The approved <i>Calendar</i> language (see attached) notes that "Additional restrictions on which programs or courses are eligible for exploration credits may also be approved by faculties". However, GFC did not delegate authority to Faculties to approve exclusions and the language needs to be revised. The proposed change to the <i>Calendar</i> language in the attachment would remove the misleading language.</p> <p>The GFC Programs Committee's mandate and role includes oversight on matters related to programs of study and courses, and the committee has delegated authority from GFC to approve modification of courses or programs, and routine academic standing regulations. Faculties will be informed that approval of exclusions will follow the pathway for normal course and program changes:</p> <ul style="list-style-type: none"> - Faculty Council; - review by the Program Support Team; and - approval by GFC Programs Committee.
Supplementary Notes and context	<p><i>At their meeting of June 23, 2022 PC was asked to consider:</i></p> <ul style="list-style-type: none"> - <i>What kind of information and rationale will PC require in order to approve a course exclusion to Exploration Credits Policy?</i> - <i>Would PC be comfortable making decisions on requests for exclusions to the policy or would they elevate the requests, with a recommendation, for GFC to decide?</i>

Item No. 6

	<i>The committee members discussed the matter and were confident that decision making on exclusions to the policy falls within their mandate, understanding that committees who hold delegated authority always have the option to elevate concerns to GFC when appropriate. Members also noted the need for a clear and student centered rationale to accompany requests.</i>
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Engagement and Routing (Include proposed plan)

Consultation and Stakeholder Participation	GFC Programs Committee - May 19, 2022 Program Support Team (Undergraduate and Non-Credit) - June 2, 2022 Students' Union Executive - June 6, 2022 GFC Programs Committee - June 23, 2022 Program Support Team (Undergraduate and Non-Credit) - August 29, 2022 GFC Programs Committee (for recommendation) - September 15, 2022 Council on Student Affairs (for discussion) - September 15, 2022 General Faculties Council (for approval) - September 19, 2022
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Strategic Alignment

Alignment with <i>For the Public Good</i>	17. Facilitate, build, and support interdisciplinary, cross-faculty, and cross-unit engagement and collaboration. 21. Encourage continuous improvement in administrative, governance, planning, and stewardship systems, procedures, and policies that enable students, faculty, staff, and the institution as a whole to achieve shared strategic goals.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input checked="" type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success </td> </tr> </table>	<input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input checked="" type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure
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Legislative Compliance and jurisdiction	Post-Secondary Learning Act General Faculties Council GFC Programs Committee - Terms of Reference	

Attachments:

1. Academic Regulations-Exploration Credits (page(s) 1 - 4)

Prepared by: University Governance

Exploration Credits - Academic Regulations

Currently Approved (GFC Mar 21)	Proposed
<p>Academic Regulations ...</p> <p>Evaluation Procedures and Grading System ...</p> <p>Exploration Credits</p> <p>In order to explore interdisciplinarity without risking potential negative impact to their GPA, undergraduate students may request to receive exploration credits for a limited number of open elective courses.</p> <p>When a student requests and is approved for an exploration credit, the letter grade they receive in the approved course will be replaced with a credit/no-credit (CR/NC) notation on their transcript.</p> <p>Regulations and procedures specific to exploration credits do not apply to other courses that are normally graded as credit/no-credit or pass/fail. For more information on grades, see Evaluation Procedures and Grading System.</p> <p>For more information, including frequently asked questions, see Exploration Credits on the Office of the Registrar web page.</p> <p>Eligibility Undergraduate students in a 4-year degree program or a 5-year combined degree program may receive a maximum of 12 units of exploration credits. This 12-unit maximum is per student and does not reset if a student transfers to a different degree program.</p> <p>Students may take a maximum of 3 units of exploration credits per term, and a maximum of 6 units of exploration credits per <u>academic year</u>.</p>	<p>Academic Regulations ...</p> <p>Evaluation Procedures and Grading System ...</p> <p>Exploration Credits</p> <p>In order to explore interdisciplinarity without risking potential negative impact to their GPA, undergraduate students may request to receive exploration credits for a limited number of open elective courses.</p> <p>When a student requests and is approved for an exploration credit, the letter grade they receive in the approved course will be replaced with a credit/no-credit (CR/NC) notation on their transcript.</p> <p>Regulations and procedures specific to exploration credits do not apply to other courses that are normally graded as credit/no-credit or pass/fail. For more information on grades, see Evaluation Procedures and Grading System.</p> <p>For more information, including frequently asked questions, see Exploration Credits on the Office of the Registrar web page.</p> <p>Eligibility Undergraduate students in a 4-year degree program or a 5-year combined degree program may receive a maximum of 12 units of exploration credits. This 12-unit maximum is per student and does not reset if a student transfers to a different degree program.</p> <p>Students may take a maximum of 3 units of exploration credits per term, and a maximum of 6 units of exploration credits per <u>academic year</u>.</p>

For the purpose of eligibility for exploration credits, an open elective is defined as a course that a student must take to complete program requirements where a course designator or a specific subject area is not listed (e.g., free electives, open electives, courses from a specific faculty, courses at a 100-level, etc.).

Normally, exploration credits can not be used for program requirements where a course designator or a specific subject area is listed. In some cases, a faculty may designate program requirements that are not open electives to be eligible for exploration credits.

The following categories of students are not eligible for exploration credits:

- Students on academic probation
- Students registered in an Open Studies program
- Graduate students

Additional restrictions on which programs or courses are eligible for exploration credits may also be approved by faculties.

For more information on course and program eligibility, see [Exploration Credits](#) on the Office of the Registrar web page.

Procedures for Exploration Credits

Students can submit their request for exploration credits in [Bear Tracks](#). The deadlines to apply for exploration credits can be found in the [Academic Schedule](#).

During the course, instructors will not be informed as to which type of grading notation each student will receive. Students who have requested to receive exploration credits will be required to complete the same course components and assessments as students who are being assessed a letter grade.

The conversion of letter grades to CR/NC notation will happen after the letter grades are assigned. Grades of D or higher will receive the Credit (CR) notation on the student's transcript. Grades of F will receive the No-

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There may be additional restrictions on which programs or courses are eligible for exploration credits. For more information on course and program eligibility, **students should contact their faculty or** see [Exploration Credits](#) on the Office of the Registrar web page.

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Credit (NC) notation.

Courses with CR notation will count towards total units completed. Courses with NC notation will count as units failed. CR/NC notations do not have a GPA and are not included in any GPA calculation. Additional information regarding CR/NC grades can be found in [Evaluation Procedures and Grading System](#).

Once letter grades have been converted, only the CR/NC notation will appear on the student's transcript. **An open elective that has been approved as an exploration credit and assigned CR/NC notation on the student's transcript cannot be changed back to a letter grade in the future.**

Students who have passed a course (whether graded or CR/NC) may not repeat it. Students who have failed a course once (whether graded or CR/NC), may request CR/NC notation for their second attempt. Exceptions to the above and additional information can be found in the University's Regulations on [Reregistration in Courses](#).

Requesting or receiving approval for exploration credits will not change the tuition or fees associated with the course.

Student Responsibility and Future Impact

When requesting exploration credits, it is the student's responsibility to ensure the following conditions are met:

- Their program is eligible for exploration credits
- The course is eligible for exploration credits
- The course is an open elective for their program. Alternatively, if it is not an open elective, it has been approved for exploration credits by the faculty.
- The current request will not put them above any of the term, year, or program maximums.

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- The course is an open elective for their program. Alternatively, if it is not an open elective, it has been approved for exploration credits by the faculty.
- The current request will not put them above any of the term, year, or program maximums.

If the above conditions are not met, it may result in the request for exploration credits being denied or course requirements being deemed incomplete when they are being reviewed for convocation.

Switching from letter grades to CR/NC notation may also have potentially negative impact on:

- Transferring to other programs or institutions that do not accept CR/NC grades
- Admission to professional programs or graduate school
- Scholarship or financial aid eligibility

As potential negative impacts are unique to each student and cannot be foreseen by the University of Alberta, it is the student's responsibility to consider all factors when making the decision to switch from letter grade to CR/NC notation.

Students are encouraged to review the [Exploration Credits webpage](#) for more information and/or consult with an academic or financial advisor before submitting their request.

Examinations (Exams)

...

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Examinations (Exams)

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FINAL Item No. 7

Governance Executive Summary
Action Item

Agenda Title	Duolingo English Test: Recalibration of Test Scores
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Motion

THAT GFC Programs Committee approve the recalibration of the Duolingo English Test (DET) score thresholds for the Fall 2023/Winter 2024 admissions for undergraduate and graduate applicants.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Norma Rodenburg, Acting Vice-Provost and University Registrar Brooke Milne, Vice-Provost and Dean, Faculty of Graduate Studies and Research
Presenter(s)	Jane Lee, Acting Associate Registrar (Enrolment Management) Brooke Milne, Vice-Provost and Dean, Faculty of Graduate Studies and Research

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is (please be specific)	The proposal is to recalibrate the Duolingo English Test (DET) scores using the newest score comparison charts provided by the Duolingo English Test. DET was approved as an additional means for applicants to meet the University of Alberta’s English Language requirements during the pandemic due to the widespread closures of international testing centres. DET is approved for use until the Winter 2024 admission cycle. This will be implemented on approval.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>In response to ongoing Covid-19 disruptions to international testing centres, the Duolingo English Test (DET) is currently being accepted for all applicants to undergraduate and graduate programs as an additional option to demonstrate English Language Proficiency (ELP). The DET has been adopted temporarily by many U15 institutions, including U of T, UBC, McGill, and the University of Calgary. These institutions are continuing to accept DET as part of their admissions requirements due to its accessibility and affordability.</p> <p>The University of Alberta’s English language proficiency thresholds are benchmarked against the IELTS Academic test. For most programs, the ELP requirement is set at 6.5. If a spoken English proficiency score is required it is usually set at 7.5.</p> <p>In August 2022, Duolingo updated their score comparison charts with IELTS Academic and the equivalent DET score ranges have increased.</p> <p>We will need to recalibrate the accepted DET thresholds to ensure that admitted undergraduate and graduate students who apply using the DET present scores that reflect an English proficiency level that will help them succeed in their studies. This change will also ensure that we are using a consistent set of ELP standards for all applicants.</p> <p>As the use of DET was a temporary COVID measure, the change was only published on the undergraduate and graduate English Language Proficiency websites. There is no reference to the DET in the University Calendar.</p>

Item No. 7

Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>
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Engagement and Routing (Include proposed plan)

Consultation and Stakeholder Participation	<p>Include information about your consultation and stakeholder participation process <For further information see the link posted on the Governance Resources section Student Participation Protocol></p> <p>Those who are actively participating:</p> <ul style="list-style-type: none"> • Office of the Registrar • Faculty of Graduate Studies and Research <p>Those who have been consulted:</p> <ul style="list-style-type: none"> • GFC Programs Committee, September 15, 2022 <p>Those who have been informed:</p> <ul style="list-style-type: none"> • PST & GPST will be informed via e-mail circulation, September 14, 2022 <p>Those who will be informed:</p> <ul style="list-style-type: none"> • Administrative Committee on Enrolment Management [ACEM] – September 23, 2022 • FGSR Council – September 28, 2022 • Subcommittee on International Enrolment Management [SCIEM] – October 4, 2022
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Strategic Alignment

Alignment with <i>For the Public Good</i>	<p>Alignment with the Institutional Strategic Plan – For the Public Good OBJECTIVE - Build a diverse, inclusive community of exceptional undergraduate and graduate students from Edmonton, Alberta, Canada, and the world.</p> <p>Strategy: Optimize our international recruiting strategies to attract well qualified international students from regions of strategic importance, and enhance services and programs to ensure their academic success and integration into the activities of the university.</p>												
Alignment with Core Risk Area	<p>Please note below the specific institutional risk(s) this proposal is addressing.</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Enrolment Management</td> <td><input type="checkbox"/> Relationship with Stakeholders</td> </tr> <tr> <td><input type="checkbox"/> Faculty and Staff</td> <td><input type="checkbox"/> Reputation</td> </tr> <tr> <td><input type="checkbox"/> Funding and Resource Management</td> <td><input type="checkbox"/> Research Enterprise</td> </tr> <tr> <td><input type="checkbox"/> IT Services, Software and Hardware</td> <td><input type="checkbox"/> Safety</td> </tr> <tr> <td><input type="checkbox"/> Leadership and Change</td> <td><input type="checkbox"/> Student Success</td> </tr> <tr> <td><input type="checkbox"/> Physical Infrastructure</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Enrolment Management	<input type="checkbox"/> Relationship with Stakeholders	<input type="checkbox"/> Faculty and Staff	<input type="checkbox"/> Reputation	<input type="checkbox"/> Funding and Resource Management	<input type="checkbox"/> Research Enterprise	<input type="checkbox"/> IT Services, Software and Hardware	<input type="checkbox"/> Safety	<input type="checkbox"/> Leadership and Change	<input type="checkbox"/> Student Success	<input type="checkbox"/> Physical Infrastructure	
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Legislative Compliance and jurisdiction	<p><i>Post-Secondary Learning Act</i> Programs Committee Terms of Reference</p>												

Prepared by: <Jane Lee, Acting Associate Registrar Enrolment Management, jane.lee@ualberta.ca>