
The following Motions and Documents were considered by the GFC Programs Committee at its Thursday, May 18, 2023 meeting:

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

Arts
Business
Education
Law
Medicine and Dentistry
Nursing
Rehabilitation Medicine
Science

CARRIED MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached submissions from the Faculties of Arts, Business, Education, Law, Medicine and Dentistry, Nursing, Rehabilitation Medicine, and Science.

FINAL Item 4.

Agenda Title: **Faculty of Science Exploration Credits Course Exclusions**

A. Chemistry
B. Mathematics and Statistics
C. Computing Science
D. Earth and Atmospheric Studies
E. Biological Sciences
F. Psychology
G. Faculty of Science

CARRIED MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Chemistry, Department of Mathematical and Statistical Sciences, Department of Computing Science, Department of Earth and Atmospheric Sciences, Department of Biological Sciences, Department of Psychology and Faculty of Science courses for exclusion from the Exploration Credits policy.

Final Item: 5.

Agenda Title: **Faculty of Native Studies Exploration Credits Course Exclusions**

CARRIED MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Faculty of Native Studies courses to be excluded from the Exploration Credit Program.

Final Item: 6.

Agenda Title: **Faculty of Medicine and Dentistry Exploration Credits Course Exclusions**

A. Biochemistry
B. Cell Biology

- C. Neuroscience and Mental Health
- D. Physiology
- E. Pharmacology

CARRIED MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Biochemistry, Cell Biology, Neuroscience, Physiology and Pharmacology courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in the Attachments.

Final Item: 7.

Agenda Title: **Undergraduate Embedded Certificate Framework**

CARRIED MOTION:

THAT the GFC Programs Committee reconsider the motion to recommend that General Faculties Council approve the Undergraduate Embedded Certificate Framework that was approved at the February 9, 2023 meeting.

CARRIED MOTION:

THAT the GFC Programs Committee recommends that the General Faculties Council approve the proposed Undergraduate Embedded Certificate Framework, as set forth in Attachment 1 to take effect immediately with compliance of existing embedded certificates expected by Fall 2025.

Final Item 9.



FINAL ITEM NO. 4

Decision **Discussion** **Information**

ITEM OBJECTIVE: To approve course, minor program, and minor regulations changes for the Faculties of Education, Law, Medicine and Dentistry, and Nursing.

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached submissions from the Faculties of Arts, Business, Education, Law, Medicine and Dentistry, Nursing, Rehabilitation Medicine, and Science.

EXECUTIVE SUMMARY:

All routine course, minor program, and minor regulation 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.

See individual item for Faculty Council approval information.

Supporting Materials:

Attachments:

1. Arts
2. Business
3. Education
4. Law
5. Medicine and Dentistry
6. Nursing
7. Rehabilitation Medicine
8. Science

This package contains: [Graduate - Courses](#)

Faculty approval date:

AAC Date: March 14.2023

Page	Department or Unit	What is Changing
2	History, Classics, and Religion	HIST 673

Calendar Change Request Form for Course Changes

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

Faculty of Arts	History, Classics and Religion
Level of change (choose one only)	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Contact Person:	Jane Samson
Department/Unit Approval Date:	February 10, 2023
For which term will this change take effect?	EARLY IMPLEMENTATION

Rationale

This is intended to be a graduate seminar paired with the proposed HIST 4XX of the same name. While there are other historiography courses offered at the graduate level, these are all more specific than that proposed here and also have a place in our graduate program.

This proposed seminar would enable any faculty member who wished to teach a seminar focused on particular historiographical area (e.g. Marxist history, gender) and/or methodological approach (e.g. quantitative history, visual sources).

Course Template

Current: Removed language (Include all parts of course)	Proposed:
Subject & Number	HIST 673
Title	Topics in Methods and Historiography
Course Career	Course Career Graduate
Units	Units 3
Approved Hours	Approved Hours 0-3S-0
Fee index	Fee index 6
Faculty	Faculty Arts
Department	Department History, Classics, Religion
Typically Offered	Typically Offered either term
Description	Description Prerequisite:

This package contains: [Undergraduate - Courses](#)

Faculty approval date:

 AAC Date: March 14.2023

Page	Department or Unit	What is Changing
2	Anthropology	ANTHR 140
3	Art & Design	ART 137, 240, 310, 311, 322, 323, 337, 338, 340, 350, 351, 352, 353, 354, 355, 360, 361, 362, 363, 364, 365, 410, 411, 422, 423, 425, 437, 438, 439, 440, 441, 450, 451, 452, 453, 454, 455, 460, 461, 462, 463, 464, 465, 466, 467, 468, 510, 511, 516, 517, 522, 524, 525, 537, 538, 539, 540, 541, 550, 551, 560, 561, 565, 566, 567, 568
23	Art & Design	DES 300, 301, 302, 303, 337, 338, 393, 394, 395, 396, 400, 401, 402, 403, 425, 438, 483, 484, 485, 493, 494, 495, 496, 497, 498, 50, 501, 502, 503, 525, 537, 584, 585, 586, 587, 593, 594, 595, 596, 597
38	Art & Design	HADVC 301, 306, 309, 311, 315, 330, 336, 400, 403, 406, 409, 411, 412, 418, 455, 456
44	English and Film Studies	ENGL 150
45	English and Film Studies	WRS 206
46	English and Film Studies	ENGL – All 100, 200 & 300 ENGL (-150, 199 & 498)
51	History, Classics and Religion	HIST 473
52	History, Classics and Religion	HIST 479
53	Media and Technology Studies	MST 350, 351
55	St. Joseph's College	CHRTC 264, 355, 394

Faculty of Arts	Anthropology
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Chelsi Hudson
Department/Unit Approval Date:	2023-02-06

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Anthropology of Death is proposed as an addition to our current regular offerings at the 100 level. There are three of these: ANTHR 101 (Introduction to Anthropology), ANTHR 110 (Gender, Age, and Culture) and ANTHR 150 (Race and Racism). As 100 level courses focusing on broad aspects of life that many people are curious about, ANTHR 110 and ANTHR 150 are popular and are many students' first introduction to our field. Anthropology of Death offers a similar broad perspective, introducing students to the study of human culture and biology by examining beliefs about and experiences of death in cultures past and present. This course has been offered three times, first as a third year seminar and then twice as a large first year course under the number ANTHR 103 (Introductory Topics in Anthropology). All of these offerings had capacity or near-capacity enrolment and received excellent feedback from students, who found the material interesting and enjoyed the chance to discuss an aspect of the human experience that many communities avoid talking about. Adding it will benefit the department by offering another 100 level course on a popular topic, introducing more students to our field. Based on student feedback and enrolment to date, there is enough demand to run this course in addition to our other 100 level offerings. This course was developed by an experienced faculty instructor (Dr. S. Garvie-Lok) who is committed to offering it every second year. The breadth and versatility of the topic mean that the course could also easily be covered by other instructors from any subfield of anthropology who wished to develop their own version. Adding the course as a regular numbered offering will make it easier for students to find and let it appear more prominently on the transcripts of students whose training it is relevant to (for example, both 103 Anthropology of Death classes included students hoping for careers in health care and in mortuary services).

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
	ANTHR 140 Anthropology of Death Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Arts Department Anthropology Typically Offered Either term Description Comparative survey of beliefs and customs surrounding death and the dead in past and present human cultures. Offered in alternate years.

Faculty of Arts	Art & Design
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Various minor changes to fix errors and omissions. Also includes various style/format changes as added by Faculty of Arts personnel.

Prerequisite wording and structure

These adjustments to the prerequisite wording are being put in place to allow for online registration by students instead of manual registration by the Department, wherever possible. Feasibility of prerequisites have already been checked and confirmed with Exams and Timetabling; as confirmed with ETT, Department staff will still have to manually check prerequisite grades.

Changes to Sculpture and Media Art classes

The following proposed changes bring together and re-envision the sculpture and media art areas of the department. It has been over 20 years since these programs were re-envisioned. While this merger responds to budget cuts, it also, more importantly, reflects broader changes in the field and is proposed to acknowledge these changes. Many art schools and universities (including Canadian art schools [Emily Carr](#) and [NSCADU](#)) combine sculpture, installation, performance and media arts. The proposed changes will result in a number of 300- and 400-level courses that will offer a more robust pedagogical experience for students and lead to more open 500-level courses that bring sculpture, installation, performance and media arts students together.

All studio faculty were involved in the writing of these calendar changes, as were Natalie Loveless, chair Aidan Rowe and undergraduate advisor Caitlin Wells.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
ART 137 - Art Fundamentals II Course Career Undergraduate Units 3 Approved Hours 0-6L-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered second term Description Further study of studio-based exploration of both visual	ART 137 - Art Fundamentals II Course Career Undergraduate Units 3 Approved Hours 0-6L-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered second term Description Further study of studio-based exploration of both visual

and conceptual Fine Art concerns in two- and three- dimensions. Note: Restricted to BFA and BDes students. **Prerequisite: ART 136.[Move before Note:]**

ART 240 - Drawing I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to the principles and techniques of drawing. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of Department. Not open to students with credit in ART 140.

ART 310 - Painting: Introductory Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introduction to the principles, concepts, and techniques of painting. Projects based on observation with reference to both historical and contemporary examples. Acrylic medium. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of Department.

ART 311 - Painting: Introductory Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continued exploration of the principles, concepts and techniques of painting. Projects based on observation with reference to both historical and contemporary examples. Oil medium. **Prerequisites: ART 310 and consent of Department.**

and conceptual Fine Art concerns in two- and three- dimensions. **Prerequisite: ART 136.** Note: Restricted to BFA and BDes students.

ART 240 - Drawing I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to the principles and techniques of drawing. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the** Department. Not open to students with credit in ART 140

ART 310 - Painting: Introductory Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introduction to the principles, concepts, and techniques of painting. Projects based on observation with reference to both historical and contemporary examples. Acrylic medium. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the** Department. **Note: Normally ART 311 must be taken in the same academic year.**

ART 311 - Painting: Introductory Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continued exploration of the principles, concepts and techniques of painting. Projects based on observation with reference to both historical and contemporary examples. Oil medium. **Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department. Note: Normally ART 310 must be taken in the same academic year.**

**ART 322 - Printmaking: Introductory Studies
(Silkscreen)**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to the principles and technical applications of printmaking through silkscreen techniques.
Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of Department. Normally ART 323 must be taken in the same academic year.

**ART 323 - Printmaking: Introductory Studies
(Intaglio/Relief)**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Continued exploration of the principles and technical applications of printmaking with the introduction of intaglio and relief techniques. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138 **and** consent of Department. Normally ART 322 must be taken in the same academic year.

**ART 337 - Special Projects in Studio Disciplines:
Introductory**

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of Department.

**ART 338 - Special Projects in Studio Disciplines:
Introductory**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0

**ART 322 - Printmaking: Introductory Studies
(Silkscreen)**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to the principles and technical applications of printmaking through silkscreen techniques.
Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the** Department. **Note:** Normally ART 323 must be taken in the same academic year.

**ART 323 - Printmaking: Introductory Studies
(Intaglio/Relief)**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Continued exploration of the principles and technical applications of printmaking with the introduction of intaglio and relief techniques. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the** Department. **Note:** Normally ART 322 must be taken in the same academic year.

**ART 337 - Special Projects in Studio Disciplines:
Introductory**

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the** Department.

**ART 338 - Special Projects in Studio Disciplines:
Introductory**

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0

Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Normally offered in Spring/Summer. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of Department

ART 340 - Drawing II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
Development and application of techniques and concepts of drawing with emphasis on drawing from the life model. Prerequisite: ART 140 or ART 240 **and** consent of **d**epartment.

ART 350 - Media Art: Digital Media I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
This studio course explores concept-based modes of contemporary art production with an emphasis on digital media arts. Approaches may include: digital imaging, sound, video and animation. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **and** consent of the **d**epartment.

ART 351 - Media Art: ~~Extended Studio I~~

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
This studio course explores concept-based modes of art production using expanded studio practices that include digital media, installation, performance, video, and other media-based practices. Prerequisites: ART 134 and

Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Normally offered in Spring/Summer. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 **or** consent of **the** Department

ART 340 - Drawing II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
Development and application of techniques and concepts of drawing with emphasis on drawing from the life model. Prerequisite: ART 140 or ART 240, **or** consent of **the** **D**epartment.

ART 350 - Media Arts: Digital Media I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
This studio course explores concept-based modes of contemporary art production with an emphasis on digital media arts. Approaches may include: digital imaging, sound, video and animation. Prerequisites: ART 134 and DES 135, **or** **A**RT 136 and DES 138, **or** consent of the **D**epartment.

ART 351 - Media Arts: Installation I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
This studio course explores concept-based modes of art production using expanded studio practices that include digital media, installation, performance, video, and other media-based practices. Prerequisites: ART 134 and

DES 135 or ART 136 and DES 138 and consent of the department.

DES 135 or ART 136 and DES 138 or consent of the Department.

ART 352 - Media Arts: Performance I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Introductory studio course that explores concept-based modes of art production. Students use expanded studio practices that include performance and other media-based practices. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department.

ART 353 - Media Arts: Lens-based Media I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Introductory studio course that explores concept-based modes of art production. Students use expanded studio practices that include lens-based and analogue media such as film photography and video and other media-based practices. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department.

ART 354 - Expanded Media: Special Projects I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Introductory studio course that explores concept-based modes of art production. Students use expanded studio methods with a focus on critical fine art practices addressing special project themes such as the Anthropocene, Social Justice, Body & Technology. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department

ART 361 - Sculpture: Introductory Studies in Abstract Sculpture

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Foundation studies in abstract sculpture. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138 and consent of Department. Corequisite: Normally ART 362, to be taken in the same academic year.

ART 362 - Sculpture: Introductory Studies in Figurative Sculpture

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6

ART 355 - Expanded Media: Variable Topics I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Introductory studio class in variable topics such as kinetics, electronics, VR & AR. Prerequisites: ART 134 and DES, 135 or ART 136 and DES 138, or consent of the Department.

ART 360 - Structural Sculpture I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Introductory studies in sculpture with a focus on the constructed object. A range of approaches are introduced which may include woodworking, welding, assemblage, etc. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department.

ART 361 – Formed Sculpture I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Foundation studies in sculpture with a focus on the formed object. Approaches may include modelling in clay, mold making, casting and carving. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department.

ART 362 - Soft Sculpture I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts

Faculty Arts
Department Art & Design
Typically Offered either term

Description

Foundation studies in figurative sculpture. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, and consent of Department. ~~Corequisite: Normally ART 361, to be taken in the same academic year.~~

Department Art & Design
Typically Offered either term

Description

Introductory studies in expanded sculptural practice. Approaches may include soft sculpture and fiber art. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department.

ART 363 - Public and Social Sculpture I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Introductory studies in expanded sculptural practice outside of the studio. Approaches may include public art and social sculpture. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department. Pre- or Corequisite: ART 360.

ART 364 - Sculpture: Digital Fabrication I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Introductory studies in sculptural digital fabrication. Approaches may include 3D modelling, printing and working with laser cutters and CNC machines. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department. Pre- or Corequisite: ART 360.

ART 365 - Variable Topics in Expanded Sculpture I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Introductory studies in special subjects such as kinetics and electronics. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, or consent of the Department. Pre- or Corequisite: ART 360.

ART 410 - Painting: Intermediate Studies I

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6
 Faculty Arts
 Department Art & Design
 Typically Offered first term

Description

A project based course exploring principles, concepts and techniques of painting. Prerequisites: ART 310, 311 and consent of Department.

ART 411 - Painting: Intermediate Studies II

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6
 Faculty Arts
 Department Art & Design
 Typically Offered second term

Description

Further study of advanced principles, concepts and techniques of painting, leading to self-initiated projects. Prerequisites: ART 410 and consent of Department.

ART 422 - Printmaking: Intermediate Studies (Lithography)

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 12
 Faculty Arts
 Department Art & Design
 Typically Offered either term

Description

Study of the principles and technical applications of printmaking with an emphasis on lithography and etching. Prerequisites: ART 322 and ART 323 and consent of Department.

ART 423 - Printmaking: Intermediate Studies (Etching)

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6

ART 410 - Painting: Intermediate Studies I

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6
 Faculty Arts
 Department Art & Design
 Typically Offered first term

Description

A project based course exploring principles, concepts and techniques of painting. Prerequisites: ART 310 and 311 or consent of the Department. Note: Normally ART 411 must be taken in the same academic year.

ART 411 - Painting: Intermediate Studies II

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6
 Faculty Arts
 Department Art & Design
 Typically Offered second term

Description

Further study of advanced principles, concepts and techniques of painting, leading to self-initiated projects. Prerequisites: ART 310 and 311 or consent of the Department. Note: Normally ART 410 must be taken in the same academic year.

ART 422 - Printmaking: Intermediate Studies (Lithography)

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 12
 Faculty Arts
 Department Art & Design
 Typically Offered either term

Description

Study of the principles and technical applications of printmaking with an emphasis on lithography and etching. Prerequisites: ART 322 and ART 323 or consent of the Department. Note: Normally ART 423 must be taken in the same academic year. Students are encouraged to take ART 422 and 423 in separate terms.

ART 423 - Printmaking: Intermediate Studies (Etching)

Course Career Undergraduate
 Units 3
 Approved Hours 0-6L-0
 Fee index 6

Faculty Arts
Department Art & Design
Typically Offered either term

Description

Study of the principles and technical applications of printmaking with an emphasis on etching. Prerequisites: ART 322 and ART 323 and consent of Department. Not open to students with credit in ART 422 (*6).

ART 425 - Word and Image: Intermediate Projects in Printmaking for Artists and Designers

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisite: ART 322. Corequisite: ART 422. Note: ART 425 and DES 425 will be taught in conjunction. Registration priority given to BDesign Printmaking Route students registering in DES 425. Not open to students who have successfully completed DES 425.

ART 437 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisite: consent of Department.

ART 438 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Faculty Arts
Department Art & Design
Typically Offered either term

Description

Study of the principles and technical applications of printmaking with an emphasis on etching. Prerequisites: ART 322 and ART 323 or consent of the Department. Note: Not open to students with 6-units in ART 422. Normally ART 422 must be taken in the same academic year. Students are encouraged to take ART 422 and 423 in separate terms.

ART 425 - Word and Image: Intermediate Projects in Printmaking for Artists and Designers

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisite: ART 322 and ART 323. Pre or corequisites: ART 422 and/or ART 423. Note: ART 425, ART 525, DES 425 and DES 525 will be taught in conjunction. Not open to students who have successfully completed DES 425.

ART 437 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisite: consent of the Department.

ART 438 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description
Normally offered in Spring/Summer. Prerequisite:
consent of Department.

ART 439 - Special Projects in Drawing: Intermediate
Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description
Normally offered in Spring/Summer. Prerequisites: ART
340, or 339 and consent of Department.

ART 440 - Drawing: Intermediate Studies
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description
Further study and application of the techniques and
concepts of drawing. Prerequisite: ART 340 **and** consent
of **d**epartment.

ART 441 - Drawing: Intermediate Studies
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Further study and application of the techniques **and**
concepts of drawing. Prerequisite: ART 340 and consent
of department.

ART 450 - Media Art: Digital Media II
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Normally offered in Spring/Summer. Prerequisite:
consent of **the** Department.

ART 439 - Special Projects in Drawing: Intermediate
Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description
Normally offered in Spring/Summer. Prerequisites: ART
340, or 339 and consent of **the** Department.

ART 440 - Drawing: Intermediate Studies
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description
Further study and application of the techniques and
concepts of drawing. Prerequisite: ART 340 **or** consent
of **the D**epartment.

ART 441 - Drawing: Intermediate Studies
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Further study and application of the techniques and
concepts of drawing. Prerequisite: ART 340 **or** consent
of **the D**epartment.

ART 450 - Media Arts: Digital Media II
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Intermediate individual study in Intermedia/Media Art practices. This studio course explores concept-based modes of contemporary art production with an emphasis on digital media arts. Approaches may include: digital imaging, sound, video, 3D modelling, interactive and generative art. Prerequisites: ART 350 and consent of department.

ART 451 - Media Art: Extended Studio II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate individual study in Intermedia/Media Art practices that include digital media, installation, performance, video, and other media-based practices. Prerequisites: ART 350 or 351 and consent of department.

Description

Intermediate studio course that explores concept-based modes of arts production. Students use expanded studio practices with an emphasis on digital media arts. Approaches may include: digital imaging, sound, video, 3D modelling, interactive and generative art. Prerequisites: Any 3 units of ART 35X, or consent of the Department. Note: Students are encouraged to take ART 350 prior to taking ART 450.

ART 451 - Media Arts: Installation II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studio course that explores concept-based modes of art production. Students use expanded studio practices that include installation and other media-based practices. Prerequisites: Any 3 units of ART 35X, or consent of the Department

ART 452 - Media Arts: Performance II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studio course that explores concept-based modes of art production. Students use expanded studio practices that include performance and other media-based practices. Prerequisites: Any 3 units of ART 35X, or consent of the Department

ART 453 - Media Arts: Lens-based Media II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studio course that explores concept-based modes of art production. Students use expanded studio practices that include lens-based and analogue media such as film photography and video and other media-

based practices. Prerequisites: Any 3 units of ART 35X, or consent of the Department

ART 454 – Expanded Media: Special Projects II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studio course that explores concept-based modes of art production. Students use expanded studio methods with a focus on critical fine art practices addressing variable topic themes such as the Anthropocene, Social Justice, Body & Technology.

Prerequisites: Any 3 units of ART 35X, or consent of the Department

ART 455 - Expanded Media: Variable Topics II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studio class in variable topics such as kinetics, electronics, VR & AR. Prerequisites: Any 3 units of ART 35X, or consent of the Department

ART 460 - Structural Sculpture II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Intermediate studies in sculpture with a focus on the constructed object. Approaches may include but are not limited to woodworking, welding and assemblage.

Prerequisites: ART 360 or consent of the Department.

ART 461 - Formed Sculpture II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts
Department Art & Design
Typically Offered either term

Description
Intermediate studies in sculpture with a focus on the formed object. Approaches may include but are not limited to modelling in clay, mold making and casting. Prerequisites: Any 3 units of ART 36X, or consent of the Department. Note: Students are strongly recommended to take ART 361 before taking ART 461.

ART 462 - Soft Sculpture II
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Intermediate studies in expanded sculptural practice. Approaches may include soft sculpture and fiber art. Prerequisites: Any 3 units of ART 36X, or consent of the Department. Note: Students are strongly recommended to take ART 362 before taking ART 462.

ART 463 - Public and Social Sculpture II
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Intermediate studies in expanded sculptural practice outside of the studio. Approaches may include public art and social sculpture. Prerequisites: ART 360, or consent of the Department.

ART 464 - Sculpture: Digital Fabrication II
Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Intermediate studies in sculptural digital fabrication.

Approaches may include 3D modelling, printing and working with laser cutters and CNC machines.
Prerequisites: ART 360, or consent of the Department.

ART 465 - Sculpture: Intermediate Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Intermediate studies in sculpture. Prerequisites: ART 361 and 362 and/or consent of the Department. Note: Not open to students with credit in ART 462 (*6).

ART 466 - Sculpture: Intermediate Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Intermediate studies in sculpture. Prerequisites: ART 465 and consent of the Department. Note: Not open to students with credit in ART 462 (*6).

ART 467 - Sculpture: Intermediate Studies III

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Further intermediate studies in sculpture. Pre or corequisites: ART 465 and 466 and consent of the Department. Note: Not open to students with credit in ART 463 (*6).

ART 468 - Sculpture: Intermediate Studies IV

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design

ART 465 – Expanded Sculpture: Variable Topics II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Intermediate studies in variable topics such as subjects such as ceramics, kinetics and electronics.
Prerequisites: Any 3 units of ART 36X, or consent of the Department.

ART 466 - Sculpture: Intermediate Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Intermediate studies in sculpture. Prerequisites: ART 465 or consent of the Department. Note: Not open to students with credit in ART 462 (*6).

ART 467 - Sculpture: Intermediate Studies III

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Further intermediate studies in sculpture. Pre or corequisites: ART 465 and 466 or consent of the Department. Note: Not open to students with credit in ART 463 (*6).

ART 468 - Sculpture: Intermediate Studies IV

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design

Typically Offered second term

Description

Further intermediate studies in sculpture. Pre or corequisites: ART 465 and 466 **and** consent of the Department. Note: Not open to students with credit in ART 463 **(*6)**.

ART 510 - Painting: Advanced Studies I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Individual directed study in a studio/workshop environment. Prerequisites: ART 411 **and** consent of Department.

ART 511 - Painting: Advanced Studies II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description

Individual directed study in a studio/workshop environment. Prerequisites: ART 510 or 516 **and** consent of Department.

ART 516 - Painting: Advanced Studies III

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Individual directed study in a studio/workshop environment. Prerequisites: ART 411 **and** consent of Department.

ART 517 - Painting: Advanced Studies IV

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Typically Offered second term

Description

Further intermediate studies in sculpture. Pre or corequisites: ART 465 and 466 **or** consent of the Department. Note: Not open to students with credit in ART 463 **(6 units)**.

ART 510 - Painting: Advanced Studies I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Individual directed study in a studio/workshop environment. Prerequisites: **ART 410 and 411 or** consent of **the** Department.

ART 511 - Painting: Advanced Studies II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description

Individual directed study in a studio/workshop environment. Prerequisites: ART 510 or 516 **or** consent of **the** Department.

ART 516 - Painting: Advanced Studies III

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Individual directed study in a studio/workshop environment. Prerequisites: **ART 410 and 411 or** consent of **the** Department.

ART 517 - Painting: Advanced Studies IV

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design
Typically Offered second term

Description
Individual directed study in a studio/workshop environment. Prerequisites: ART 510 or 516 **and** consent of Department.

ART 522 - Printmaking: Advanced Studies I

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Advanced study of the principles and technical applications of printmaking emphasizing mixed media and photographic techniques. Prerequisites: ART 422 **and** consent of Department.

ART 524 - Printmaking: Advanced Studies III

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Advanced individual study of drawing and other image-making processes and their application in printmaking. Pre- or corequisites: ART 522 and consent of Department. **PLEASE NOTE: Keeping "and consent of department is deliberate here.**

ART 525 - Word and Image: Advanced Projects in Printmaking for Artists and Designers

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisite: ART 422 and ART 425. Corequisite: ART 522. Note: ART 525 and DES 525 are taught in conjunction. **Registration priority given to BDesign Printmaking Route students registering in DES 525. Not**

Department Art & Design
Typically Offered second term

Description
Individual directed study in a studio/workshop environment. Prerequisites: ART 510 or 516 **or** consent of **the** Department.

ART 522 - Printmaking: Advanced Studies I

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Advanced study of the principles and technical applications of printmaking emphasizing mixed media and photographic techniques. Prerequisites: ART 422 **and 423 or** consent of **the** Department.

ART 524 - Printmaking: Advanced Studies III

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Advanced individual study of drawing and other image-making processes and their application in printmaking. Pre- or corequisites: ART 522 and consent **of** the Department.

ART 525 - Word and Image: Advanced Projects in Printmaking for Artists and Designers

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description
Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisites: ART 422, **ART 423** and ART 425. **Pre- or corequisite:** ART 522. **Note: ART 425, ART 525, DES 425 and DES 525 will be taught in conjunction.** Not open to students who have successfully completed DES 525.

open to students who have successfully completed DES 525.

ART 537 - Special Projects in Studio Disciplines: Advanced

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisite: consent of Department.

ART 538 - Special Projects in Studio Disciplines: Advanced

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Normally offered in Spring/Summer. Prerequisite: consent of Department.

ART 539 - Special Projects in Drawing: Advanced

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisites: ART 439, or ART 440 and 441, and consent of Department.

ART 540 - Drawing: Advanced Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

ART 537 - Special Projects in Studio Disciplines: Advanced

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisite: consent of **the** Department.

ART 538 - Special Projects in Studio Disciplines: Advanced

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Normally offered in Spring/Summer. Prerequisite: consent of **the** Department.

ART 539 - Special Projects in Drawing: Advanced

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in Spring/Summer. Prerequisites: ART 439, or ART 440 and 441, and consent of **the** Department.

ART 540 - Drawing: Advanced Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Study of the principles and concepts of drawing.
Prerequisite: ART 440 and 441 **and** consent of **d**epartment.

ART 541 - Drawing: Advanced Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Study of the principles and concepts of drawing.
Prerequisite: ART 440 and 441 **and** consent of **d**epartment.

ART 550 - Media Art: Advanced Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered **first term**

Description
Advanced individual study in **Intermedia/Media Art practices that include digital media, installation, performance, video, and other media-based practices.**
Prerequisites: ART 450 and 451 **and** consent of **d**epartment.

ART 551 - Media Art: Advanced Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered **second** term

Description
Advanced individual study in **Intermedia/Media Art practices that include digital media, installation, performance, video, and other media-based practices.**
Prerequisites: **ART 550** **and** consent of **d**epartment.

Study of the principles and concepts of drawing.
Prerequisite: ART 440 and 441 **or** consent of **the** **D**epartment.

ART 541 - Drawing: Advanced Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Study of the principles and concepts of drawing.
Prerequisite: ART 440 and 441 **or** consent of **the** **D**epartment.

ART 550 – Sculpture & Expanded Media: Advanced Studio with Professional Practice

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered **either term**

Description
Advanced individual study in **Media Arts and/or Sculpture and professional art practice.** Prerequisites: 12 units from: (ART 35X, ART 45X, ART 36X, or ART 46X including at least 6 units ART 45x and/or ART 46x) OR (ART 35X or ART 36X, AND 6 units from 400-level ART) **or** consent of **D**epartment.

ART 551 - Sculpture & Expanded Media: Advanced Studio with Collaborative Practice

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered **either** term

Description
Advanced individual study in **Media Arts and/or Sculpture practices and collaborative art approaches.** Prerequisites: 12 units from: (ART 35X, ART 45X, ART 36X, or ART 46X including at least 6 units ART 45x and/or ART 46x) OR (ART 35X or ART 36X, AND 6 units from 400-level ART) **or** consent of **D**epartment.

ART 565 - Sculpture: Advanced Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description
Advanced studies in sculpture. Prerequisites: ART 465 and 466 **and** consent of the Department. Note: Not open to students with credit in ART 562 **(*6)**.

ART 566 - Sculpture: Advanced Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0

ART 560 - Sculpture & Expanded Media: Advanced Studio I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Advanced individual study in Media Arts and/or Sculpture practices. Prerequisites: 12 units from: (ART 35X, ART 45X, ART 36X, or ART 46X including at least 6 units ART 45x and/or ART 46x) OR (ART 35X or ART 36X, AND 6 units from 400-level ART)_or consent of Department.

ART 561 - Sculpture & Expanded Media: Advanced Studio II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Advanced individual study in Media Arts and/or Sculpture practices. Prerequisites: 12 units from: (ART 35X, ART 45X, ART 36X, or ART 46X including at least 6 units ART 45x and/or ART 46x) OR (ART 35X or ART 36X, AND 6 units from 400-level ART)_or consent of Department.

ART 565 - Sculpture: Advanced Studies I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Advanced studies in sculpture. Prerequisites: ART 465 and 466 **or** consent of the Department. Note: Not open to students with credit in ART 562 **(6 units)**.

ART 566 - Sculpture: Advanced Studies II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6

Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Advanced studies in sculpture. Prerequisites: ART 565
and consent of the Department. Note: Not open to
students with credit in ART 562 (*6).

ART 567 - Sculpture: Advanced Studies III

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description
Further advanced studies in sculpture. Pre or
corequisites: ART 565 and 566 and/or consent of the
Department. Note: Not open to students with credit in
ART 563 (*6).

ART 568 - Sculpture: Advanced Studies IV

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description
Further advanced studies in sculpture. Pre or
corequisites: ART 565 and 566 and/or consent of the
Department. Note: Not open to students with credit in
ART 563 (*6).

Faculty Arts
Department Art & Design
Typically Offered either term

Description
Advanced studies in sculpture. Prerequisites: ART 565
or consent of the Department. Note: Not open to
students with credit in ART 562 (6 units).

ART 567 - Sculpture: Advanced Studies III

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description
Further advanced studies in sculpture. Pre or
corequisites: ART 565 and 566 or consent of the
Department. Note: Not open to students with credit in
ART 563 (6 units).

ART 568 - Sculpture: Advanced Studies IV

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description
Further advanced studies in sculpture. Pre or
corequisites: ART 565 and 566 or consent of the
Department. Note: Not open to students with credit in
ART 563 (6 units).

Faculty of Arts	Art & Design
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Various minor changes to fix errors and omissions. Also includes various style/format changes as added by Faculty of Arts personnel.

Prerequisite wording and structure

These adjustments to the prerequisites are being put in place to increase flexibility for students, and allow for online registration by students instead of manual registration by the Department, wherever possible. Feasibility of prerequisites have already been checked and confirmed with Exams and Timetabling; as confirmed with ETT, Department staff will still have to manually check prerequisite grades.

Changes to Visual Communication Design area

The following proposed changes re-envision the visual communication design area of the department. These changes better reflect what has become the content of these classes as we respond to the changes in design fields, technology, and contemporary design research.

All related studio faculty were involved in the writing of these calendar changes, as was chair Aidan Rowe and undergraduate advisor Caitlin Wells.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
<p>DES 300 - Foundations of Industrial Design I Course Career Undergraduate Units 3 Approved Hours 0-6L-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered first term</p> <p>Description Introduction to the principles, methods and techniques of industrial design. Studies of three-dimensional design address concept, form and function in a social/environmental context and involve projects combining theory and practice in two and three dimensions. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138. Corequisite: DES 302 and</p>	<p>DES 300 - Foundations of Industrial Design I Course Career Undergraduate Units 3 Approved Hours 0-6L-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered first term</p> <p>Description Introduction to the principles, methods and techniques of industrial design. Studies of three-dimensional design address concept, form and function in a social/environmental context and involve projects combining theory and practice in two and three dimensions. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138. Corequisite: DES 302 or</p>

consent of Department. BDes Students must enroll in DES 301 in second term. Note: Not open to students with credit in DES 370.

DES 301 - Foundations of Industrial Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continuing study of the principles, methods and techniques of industrial design. Studies of three-dimensional design address concept, form and function in a social/environmental context and involve projects combining theory and practice in two and three dimensions. Prerequisite: DES 300.

DES 302 - Introduction to Visual Presentation I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introductory studies in models and graphics based projects implementing the materials and processes of traditional visualization methods and media. Prerequisite or corequisite: DES 300 **and** consent of the Department. Note: Not open to students with credit in DES 371 or DES 375.

DES 303 - Introduction to Visual Presentation II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continuing studies in models and graphics based projects implementing the materials and processes of traditional visualization methods and media. Prerequisite: DES 302. Prerequisite or corequisite: DES 301 **and** consent of the Department. Note: Not open to students with credit in DES 371 or DES 376.

consent of **the** Department. BDes Students must enroll in DES 301 in second term. Note: Not open to students with credit in DES 370.

DES 301 - Foundations of Industrial Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continuing study of the principles, methods and techniques of industrial design. Studies of three-dimensional design address concept, form and function in a social/environmental context and involve projects combining theory and practice in two and three dimensions. Prerequisite: DES 300 **or consent of the Department.**

DES 302 - Introduction to Visual Presentation I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introductory studies in models and graphics based projects implementing the materials and processes of traditional visualization methods and media. Prerequisite or corequisite: DES 300 **or** consent of the Department. Note: Not open to students with credit in DES 371 or DES 375.

DES 303 - Introduction to Visual Presentation II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continuing studies in models and graphics based projects implementing the materials and processes of traditional visualization methods and media. Prerequisite: DES 302. Prerequisite or corequisite: DES 301 **or** consent of the Department. Note: Not open to students with credit in DES 371 or DES 376.

DES 337 - Special Projects in Studio Disciplines:

Introductory

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in spring/summer. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138, and consent of Department. Formerly DES 339.

DES 338 - Special Projects in Studio Disciplines:

Introductory

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Normally offered in spring/summer. Prerequisites: ART 134 and DES 135 or ART 136 and DES 138 and consent of Department.

DES 393 - Foundations of Visual Communication Design I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introduction to the principles of visual communication design. Study of communication concerns through the use of photography and typography. Emphasis on appropriateness, clarity, expression and description. Introduction to information and publication design problems. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, and consent of department. **DES students must enroll in DES 394 in second term.** Note: Not open to students with credit in DES 390.

DES 337 - Special Projects in Studio Disciplines:

Introductory

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in spring/summer. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, and consent of **the** Department. Formerly DES 339.

DES 338 - Special Projects in Studio Disciplines:

Introductory

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Normally offered in spring/summer. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138 and consent of **the** Department.

DES 393 - Visual Communication Design Foundations I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Understanding and applying the principles of visual communication design. Study of communication concerns through the use of type and image creation. Emphasis on appropriateness, clarity, expression and description to meet defined objectives in print and digital media. Introduction to design research methods. Prerequisites: ART 134 and DES 135, or ART 136 and DES 138, **or** consent of **the D**epartment. Note: Not open to students with credit in DES 390.

DES 394 - Foundations of Visual Communication Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continuing study of the principles of visual communication design. Study of communication concerns through the integration of photography and typography. Emphasis on appropriateness, clarity, expression and description. Introduction to information and publication design problems. Introduction to the computer as a tool for language and visual communication. Prerequisites: DES 393, and consent of Department. Note: Not open to students with credit in DES 390.

DES 395 - Introduction to Form, Visual Elements and Systems

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Structure, representation and expression. Creation, observation and categorization. Form, color and tone systems in contemporary and historical design, and in the environment. Prerequisite or corequisite: DES 393 and consent of the Department.

DES 396 - Introduction to Research and Theory in Design

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Introduction to information gathering methods, literature search and empirical research. Problem identification

DES 394 - Visual Communication Design Foundations II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Continued study of the principles of visual communication design. Introduction to visual principles for web and motion design. Emphasis on appropriateness, clarity, expression and description to meet defined objectives in print and digital media. Integration of social design themes. Continued introduction to design research methods. Prerequisites: DES 393, or consent of the Department. Note: Not open to students with credit in DES 390.

DES 395 - Design Research Methods I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Introduction to design research, including methods, processes and outcomes. Exploring systems and service design. Includes collecting data, experimenting with design research methods, practice, and evaluation. Focus on identifying and defining needs and issues. Prerequisite or corequisite: DES 393 or consent of the Department.

DES 396 - UX/UI Design I

Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Introduction to user experience (UX) and user interface (UI) design including topics such as navigation,

and definition. Purposes, goals, design and evaluation methods. Communication theory. Corequisite: DES 394 and consent of the Department.

DES 400 - Intermediate Industrial Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Subject areas include research methods and the design processes; communication skills and collaborative dynamics, human factors, the psychology of design, material properties and applications for fabrication and production, market considerations. Projects are 2-D, 3-D and computer-based. Prerequisites: DES 302 and DES 303 and consent of Department. BDes Students must enroll in DES 401 in second term. Note: Not open to students with credit in DES 470.

DES 401 - Intermediate Industrial Design Principles and Practices II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Subject areas include research methods and the design processes; communication skills and collaborative dynamics, human factors, the psychology of design, material properties and applications for fabrication and production, market considerations. Projects are 2-D, 3-D and computer-based. Prerequisites:-DES 400 and consent of Department. Note: Not open to students with credit in DES 470.

DES 402 - Product Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

interaction design, human-centred design, and testing. Prerequisite: DES 393 or consent of the Department.

DES 400 - Intermediate Industrial Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Subject areas include research methods and the design processes; communication skills and collaborative dynamics, human factors, the psychology of design, material properties and applications for fabrication and production, market considerations. Projects are 2-D, 3-D and computer-based. Prerequisites: DES 300, 301, 302 and 303 or consent of the Department. BDes Students must enroll in DES 401 in second term. Note: Not open to students with credit in DES 470.

DES 401 - Intermediate Industrial Design Principles and Practices II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Subject areas include research methods and the design processes; communication skills and collaborative dynamics, human factors, the psychology of design, material properties and applications for fabrication and production, market considerations. Projects are 2-D, 3-D and computer-based. Prerequisites: DES 400 or consent of the Department. Note: Not open to students with credit in DES 470.

DES 402 - Product Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

A studio-based course which implements design principles and practices with a focus on their application to product design for batch production and mass production. Experimentation and concept development with computer technology. 2-D media and 3-D models and mock-ups. Prerequisite or corequisite: DES 400 and consent of Department. Note: Not open to students with credit in DES 475.

DES 403 - Furniture Design Principles and Practices I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

A studio-based course which implements design principles and practices with a focus on their application to furniture design for batch production and mass production. Experimentation and concept development with computer technology. 2-D media and 3-D models and prototypes. Prerequisite or corequisite: DES 400 and consent of Department. Note: Not open to students with credit in DES 477.

DES 425 - Word and Image: Intermediate Projects in Printmaking for Designers and Artists

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisites: ART 322 and DES 394. Note: Registration priority will be given to BDesign Printmaking Route students. Not open to students who have successfully completed ART 425.

DES 438 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

A studio-based course which implements design principles and practices with a focus on their application to product design for batch production and mass production. Experimentation and concept development with computer technology. 2-D media and 3-D models and mock-ups. Prerequisite or corequisite: DES 400 or consent of the Department. Note: Not open to students with credit in DES 475.

DES 403 - Furniture Design Principles and Practices I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

A studio-based course which implements design principles and practices with a focus on their application to furniture design for batch production and mass production. Experimentation and concept development with computer technology. 2-D media and 3-D models and prototypes. Prerequisite or corequisite: DES 400 or consent of the Department. Note: Not open to students with credit in DES 477.

DES 425 - Word and Image: Intermediate Projects in Printmaking for Designers and Artists

Course Career Undergraduate

Units 6

Approved Hours 0-6L-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisites: ART 322, ART 323 and DES 394 or consent of the Department. Note: ART 425, ART 525, DES 425 and DES 525 will be taught in conjunction. Not open to students who have successfully completed ART 425.

DES 438 - Special Projects in Studio Disciplines: Intermediate

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Department Art & Design
Typically Offered either term

Description
Normally offered in spring/summer. Prerequisite:
Consent of Department.

DES 483 - Seminar on Design Issues

Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Contemporary design **issues** in the fields of theory, criticism, history, professional practice and social **concerns**. Restricted to third-year Bachelor of Design students. Prerequisite(s): **ART H** 209 **and/or** consent of Department.

DES 484 - Integrative Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description
Studio-based course which integrates Visual Communication Design and Industrial Design concepts and practices. Individual and group projects address subjects including: signs, symbols, and communication; as well as products, packaging, and graphics. Pre- or corequisites: DES 300 and 393 or DES 300 and 384, or DES 393 and 384 **and** consent of Department. Note: Not open to students with credit in DES 482.

DES 485 - Integrative Design Principles and Practices II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Studio-based course which integrates Visual Communication Design and Industrial Design concepts

Faculty Arts
Department Art & Design
Typically Offered either term

Description
Normally offered in spring/summer. Prerequisite:
Consent of **the** Department.

DES 483 - Seminar on Design Issues

Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Contemporary design **concerns** in the fields of theory, criticism, history, professional practice and social **issues**. Restricted to third-year Bachelor of Design students. Prerequisite(s): **HADV C** 209 **or** consent of **the** Department.

DES 484 - Integrative Design Principles and Practices I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description
Studio-based course which integrates Visual Communication Design and Industrial Design concepts and practices. Individual and group projects address subjects including: signs, symbols, and communication; as well as products, packaging, and graphics. Pre- or corequisites: DES 300 and 393, or DES 300 and 384, or DES 393 and 384 **or** consent of **the** Department. Note: Not open to students with credit in DES 482.

DES 485 - Integrative Design Principles and Practices II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description
Studio-based course which integrates Visual

and practices. Individual and group projects address subjects such as point of purchase displays and retail environments, combining 2-D and 3-D considerations. Pre- or corequisites: DES 301 and 394 or DES 301 and 384, or DES 394 and 384 and consent of Department. Note: Not open to students with credit in DES 482.

DES 493 - Concepts and Systems in Visual Communication Design I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Systematic approaches to typographic, graphic and diagrammatic communication, image creation and manipulation. Project management and research. Prerequisites: DES 394 and consent of Department. BDes Students must enroll in DES 494 in second term. Note: Not open to students with credit in DES 490.

DES 494 - Concepts and Systems in Visual Communication Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Systematic approaches to typographic, graphic and diagrammatic communication, image creation and manipulation. Project management and research. Prerequisites: DES 493 and consent of Department. Note: Not open to students with credit in DES 490.

DES 495 - The Image I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Communication Design and Industrial Design concepts and practices. Individual and group projects address subjects such as point of purchase displays and retail environments, combining 2-D and 3-D considerations. Pre- or corequisites: DES 301 and 394, or DES 301 and 384, or DES 394 and 384 and consent of the Department. Note: Not open to students with credit in DES 482.

DES 493 - Visual Communication Design Intermediate I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Development of concepts, strategies and systems. Problem identification. Using design research methods to address social design themes. Applying principles of website, interaction design and user interface design. Prerequisites: DES 393 and one of DES 394, 395 or 396 or consent of the Department. BDes Students must enroll in DES 494 in the second term. Note: Not open to students with credit in DES 490.

DES 494 - Visual Communication Design Intermediate II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Further emphasis on complex system design. Design for accessibility. Application of research skills and interaction design. Exploration of design and testing research methods. Prerequisites: DES 493 or consent of the Department. Note: Not open to students with credit in DES 490.

DES 495 - Imagery for Communication

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Further studies in the use of the photographic image in the design context. The communicative function of the image. Representation, description, expression and persuasion. History and theory of the use of images. Prerequisites or corequisites: DES 493 and consent of Department.

DES 496 - The Image II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Complex image creation for communicational purposes mainly in electronic media. Introduction to criticism. Prerequisite: DES 493 and corequisite: DES 494 and consent of Department.

DES 497 - Advanced Typography

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Typography in the context of language communication. Design of letterforms. The study of notation schemes. The history of letterforms, history of printing and book design. Corequisite-DES 493 and consent of Department.

DES 498 - Information Design

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Description

Further studies in the use of photographic and illustrative imagery in the design context. Representation, description, expression and persuasion as the communicative function of the image. Prerequisites: DES 393 and one of DES 394, 395 or 396 or consent of the Department. Note: while not required, taking DES 493 before or at the same time as DES 495 is recommended.

DES 496 – UX/UI Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Assessment, research, navigation, usability, accessibility, user testing and interaction design. Focus on users, UX/UI tools and development techniques. Experimentation with digital experience. Topics may include assessing websites, design landing pages, microsites, digital experience, and audience personas. Prerequisites: DES 493 and DES 396 or consent of the Department. Note: while not required, taking DES 494 before or at the same time as DES 496 is recommended.

DES 497 - Advanced Typography

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Typographic design for language communication, expression, and interaction. Topics may include the history of letterforms, history of printing, publication design and type on screen. Prerequisite or corequisite DES 493 or consent of the Department.

DES 498 - Information Design

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Text, tables, charts, diagrams and electronic displays.

User-machine interaction: perception and cognition.

Visual presentation of abstract and quantitative information. Corequisite: DES 494 and consent of Department.

DES 500 - The Practice of Industrial Design I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Subject areas include design and culture; human factors; social, environmental and economic implications of design; appropriate technologies; production considerations processes; communication skills and collaborative dynamics; human factors; the psychology of design; material properties and applications for fabrication and production; market considerations. Projects are 2-D, 3-D and computer-based.

Prerequisites: DES 401 and consent of Department.

BDes Students must enroll in DES 501 in second term.

Note: Not open to students with credit in DES 570.

DES 501 - The Practice of Industrial Design II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description

Subject areas include design and culture; human factors; social, environmental and economic implications of design; appropriate technologies; production considerations processes; communication skills and collaborative dynamics; human factors; the psychology of design; material properties and applications for fabrication and production; market considerations. Projects are 2-D, 3-D and computer-based.

Prerequisites: DES 500 and consent of Department.

Note: Not open to students with credit in DES 570.

DES 502 - Product Design Applications and Technologies

Course Career Undergraduate

Units 3

Description

Interpretation and visualization of information.

Procedural instructions, mapping, and diagramming.

Perception and cognition. Design and testing for user experience.

Visual presentation of abstract and quantitative information. Prerequisite or corequisite: DES 494 or consent of the Department.

DES 500 - The Practice of Industrial Design I

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered first term

Description

Subject areas include design and culture; human factors; social, environmental and economic implications of design; appropriate technologies; production considerations processes; communication skills and collaborative dynamics; human factors; the psychology of design; material properties and applications for fabrication and production; market considerations. Projects are 2-D, 3-D and computer-based.

Prerequisites: DES 401 or consent of the Department.

BDes Students must enroll in DES 501 in second term.

Note: Not open to students with credit in DES 570.

DES 501 - The Practice of Industrial Design II

Course Career Undergraduate

Units 3

Approved Hours 0-6L-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered second term

Description

Subject areas include design and culture; human factors; social, environmental and economic implications of design; appropriate technologies; production considerations processes; communication skills and collaborative dynamics; human factors; the psychology of design; material properties and applications for fabrication and production; market considerations. Projects are 2-D, 3-D and computer-based.

Prerequisites: DES 500 or consent of the Department

Note: Not open to students with credit in DES 570.

DES 502 - Product Design Applications and Technologies

Course Career Undergraduate

Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

A studio-based course in which projects address the requirements of special user groups and specific markets with special consideration of the production capabilities of western Canada. Computer-aided design and manufacturing will be the focus of at least one project. Prerequisite: DES 402. **Corequisite: DES 500 and** consent of Department. Note: Not open to students with credit in DES 575.

DES 503 - Furniture Design Applications and Production Technologies

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

A studio-based course in which projects address the requirements of special user groups and specific markets with special consideration of the production capabilities of western Canada. Computer-aided design and manufacturing will be the focus of at least one project. Prerequisite: DES 403. Corequisite: DES 501 and consent of Department. Note: Not open to students with credit in DES 576.

DES 525 - Word and Image: Advanced Projects in Printmaking for Designers and Artists

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisite: DES 425 or ART 425. Note: **Registration priority will be given to BDesign Printmaking Route students.** Not open to students who have successfully completed ART 525.

Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

A studio-based course in which projects address the requirements of special user groups and specific markets with special consideration of the production capabilities of western Canada. Computer-aided design and manufacturing will be the focus of at least one project. Prerequisite: DES 402. **Pre- or corequisite: DES 500 or** consent of **the** Department. Note: Not open to students with credit in DES 575.

DES 503 - Furniture Design Applications and Production Technologies

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

A studio-based course in which projects address the requirements of special user groups and specific markets with special consideration of the production capabilities of western Canada. Computer-aided design and manufacturing will be the focus of at least one project. Prerequisite: DES 403. **Pre- or corequisite: DES 501 or** consent of **the** Department. Note: Not open to students with credit in DES 576.

DES 525 - Word and Image: Advanced Projects in Printmaking for Designers and Artists

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Exploration of the multiple relationships between word and image generated through consideration of text. Prerequisite: DES 425 or ART 425. Note: **ART 425, ART 525, DES 425 and DES 525 will be taught in conjunction.** Not open to students who have successfully completed ART 525.

**DES 537 - Special Projects in Studio Disciplines:
Advanced**

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in spring/summer. Prerequisite:
consent of Department. Formerly DES 539.

DES 584 - Integrative Design Applications I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

A 2-D/3-D studio-based course in which projects
address the research, development and fabrication
requirements of educational and interpretive design, with
special consideration of technological and cultural
contexts. Prerequisites: DES 484 and/or DES 485 **and**
consent of Department.

DES 585 - Integrative Design Applications II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

A 2-D/3-D studio-based course in which projects
address the research, development and fabrication
requirements of commercial applications of design in
specific settings, with special consideration of
technological and cultural contexts. Prerequisites: DES
484 and/or DES 485 **and** consent of Department.

DES 586 - Design Practicum I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

**DES 537 - Special Projects in Studio Disciplines:
Advanced**

Course Career Undergraduate
Units 6
Approved Hours 0-6L-0
Fee index 12
Faculty Arts
Department Art & Design
Typically Offered two term

Description

Normally offered in spring/summer. Prerequisite:
consent of **the** Department. Formerly DES 539.

DES 584 - Integrative Design Applications I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

A 2-D/3-D studio-based course in which projects
address the research, development and fabrication
requirements of educational and interpretive design, with
special consideration of technological and cultural
contexts. Prerequisites: DES 484 and/or DES 485 **or**
consent of **the** Department.

DES 585 - Integrative Design Applications II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

A 2-D/3-D studio-based course in which projects
address the research, development and fabrication
requirements of commercial applications of design in
specific settings, with special consideration of
technological and cultural contexts. Prerequisites: DES
484 and/or DES 485 **or** consent of **the** Department.

DES 586 - Design Practicum I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design

Description

Design internship in design offices, industry, museums and other appropriate professional hosts and venues, bridging formal education and professional practice. Prerequisite: consent of Department.

DES 587 - Design Practicum II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Design internship in design offices, industry, museums and other appropriate professional hosts and venues, bridging formal education and professional practice. Prerequisite: consent of Department.

DES 593 - The Practice of Graphic Design I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Applied practical projects and complex design systems. Problem definition, strategic planning, project management and design evaluation. Project brief and production specifications, professional practice, procedures, codes of ethics, pricing and intellectual property. Prerequisites: DES 494 and consent of Department. BDes students must enroll in DES 594 in second term. Note: not open to students with credit in DES 590.

DES 594 - The Practice of Graphic Design II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Applied practical projects and complex design systems. Problem definition, strategic planning, project management and design evaluation. Project brief and production specifications, professional practice,

Typically Offered first term

Description

Design internship in design offices, industry, museums and other appropriate professional hosts and venues, bridging formal education and professional practice. Prerequisite: consent of the Department.

DES 587 - Design Practicum II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Design internship in design offices, industry, museums and other appropriate professional hosts and venues, bridging formal education and professional practice. Prerequisite: consent of the Department.

DES 593 - Visual Communication Design Advanced I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Applied practical projects and complex design systems. Problem definition, strategic planning, project management, and design evaluation. Project briefs and production specifications, professional practice, procedures, codes of ethics, copyright and intellectual property. Prerequisites: DES 494 or consent of the Department. BDes students must enroll in DES 594 in the second term. Note: not open to students with credit in DES 590.

DES 594 - Visual Communication Design Advanced II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Applied practical projects and complex design systems. Problem definition, strategic planning, project

procedures, codes of ethics, pricing and intellectual property. Prerequisites: DES 593 and consent of Department. Note: not open to students with credit in DES 590.

DES 595 - Communication Design for Interactive Media I

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Design issues in new communication media. Open information structures and networks as complex hierarchical systems. Internet as an information resource, research tool and mass communication media. Navigation, interaction and interface design in hypermedia. Corequisite: DES 593 and Prerequisite consent of Department.

DES 596 - Communication Design for Interactive Media II

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Design for information, education and instruction using multimedia. Navigation, interface design in the context of human-machine interaction. Complex information systems, project planning and development strategies. Prerequisite DES 593 and consent of Department and corequisite DES 594. Not open to students with credit in DES 595 prior to 2007.

DES 597 - Design Management

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

management and design evaluation. Project brief and production specifications, professional practice, procedures, codes of ethics and intellectual property. Topics may include self-directed design research projects. Prerequisite: DES 593 or consent of the Department. Note: not open to students with credit in DES 590.

DES 595 - Service Design

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered second term

Description

Use of service design methods for the development of physical or digital products. Utilize tools such as journey maps and personas. Explore user-centred and collaborative approaches to create services and experiences. Prerequisite: DES 494 or DES 401 or consent of the Department. Note: while not required, taking DES 395 before DES 595 is recommended.

DES 596 - UX/UI Design III

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered first term

Description

Design issues in digital media. Emphasis on user experience, with focus on tools and development techniques to visualize UI/UX projects. Usability and accessibility. Experimenting with UX/UI tools and development techniques. Prerequisite DES 496. Prerequisite or corequisite: DES 593 or consent of the Department. Not open to students with credit in DES 595 prior to 2007.

DES 597 - Design Management

Course Career Undergraduate
Units 3
Approved Hours 0-6L-0
Fee index 6
Faculty Arts
Department Art & Design

<p>Description Project and office management. Design methods and evaluation, systems theory, writing for design. Introduction to marketing and social marketing, motivational and audience studies. Prerequisite or corequisite: DES 593 and consent of Department.</p>	<p>Typically Offered first term</p> <p>Description Goal setting, creative collaboration, working in a team environment, project tracking, and administration. Brand management and identity application. Pre- or corequisite: DES 593 or DES 500 or consent of the Department.</p>
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Faculty of Arts	Art & Design
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

These adjustments to the prerequisite wording are being put in place to allow to for online registration by students instead of manual registration by the Department, wherever possible. Feasibility of prerequisites have already been checked and confirmed with Exams and Timetabling, although Department staff will still have to manually check grades.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
<p>HADVC 301 - Geographies of Art, Design, and Visual Culture Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered either term</p> <p>Description The history of art, design and visual culture of a particular geographic location (e.g. nation, city, region, continent). Prerequisite: consent of Department. Note: Students are required to have successfully completed two 200-level HADVC courses with a minimum grade of B-.</p> <p>HADVC 306 - Modernism and Modernity Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered either term</p> <p>Description Aspects of the modern as it applies to the artistic practices of the nineteenth and twentieth centuries. Prerequisite: consent of Department. Note: Students are</p>	<p>HADVC 301 - Geographies of Art, Design, and Visual Culture Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered either term</p> <p>Description The history of art, design and visual culture of a particular geographic location (e.g. nation, city, region, continent). Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.</p> <p>HADVC 306 - Modernism and Modernity Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Arts Department Art & Design Typically Offered either term</p> <p>Description Aspects of the modern as it applies to the artistic practices of the nineteenth and twentieth centuries. Prerequisite: Any 6 units in HADVC 2XX with a</p>

required to have successfully completed two 200-level HADVC courses with a minimum grade of B-.

HADVC 309 - Design Theory and History
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Historical and/or contemporary issues in design practice and theory. Prerequisite: consent of Department. Note: Students are required to have successfully completed two 200-level HADVC courses with a minimum grade of B-.

HADVC 311 - Issues in the History of Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Students are expected to have successfully completed two 200-level HADVC courses with a minimum grade of B-. Prerequisite: consent of Department. Variable content course which may be repeated if topic(s) vary.

HADVC 315 - China Urban: Art & Design Now
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
The historical and contemporary Chinese city-as representation, model, catalyst, and socio-political construct. Prerequisite: consent of Department. Note: Students are required to have successfully completed two 200-level HADVC courses with a minimum grade of B-.

minimum grade of B- in each course, or consent of the Department.

HADVC 309 - Design Theory and History
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Historical and/or contemporary issues in design practice and theory. Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.

HADVC 311 - Issues in the History of Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
Variable content course which may be repeated if topic(s) vary. Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.

HADVC 315 - China Urban: Art & Design Now
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description
The historical and contemporary Chinese city-as representation, model, catalyst, and socio-political construct. Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.

HADVC 330 - Art and Institutions
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

The relationship between objects and their modes of interpretation, circulation and display (e.g. museums, academies, exhibitions, etc.) Prerequisite: ~~consent of Department.~~ Note: ~~Students are required to have successfully completed two 200-level HADVC courses with a minimum grade of B-~~

HADVC 336 - Introduction to Performance Art
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to performance art of the 20th and 21st centuries. Prerequisite: ~~consent of Department.~~ Note: ~~Students are required to have successfully completed two 200-level HADVC courses with a minimum grade of B-~~

HADVC 400 - Theory and Methods in Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: ~~consent of Department.~~

HADVC 403 - Topics in Early Modern Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

HADVC 330 - Art and Institutions
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

The relationship between objects and their modes of interpretation, circulation and display (e.g. museums, academies, exhibitions, etc.) Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.

HADVC 336 - Introduction to Performance Art
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Introduction to performance art of the 20th and 21st centuries. Prerequisite: Any 6 units in HADVC 2XX with a minimum grade of B- in each course, or consent of the Department.

HADVC 400 - Theory and Methods in Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 403 - Topics in Early Modern Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: ~~consent of instructor. Note: Students are required to have successfully completed one 300-level HADVC course with a minimum grade of B. [Moved under description]~~ Variable content course which may be repeated if topic(s) vary.

HADVC 406 - Topics in Art, Design and Visual Culture in the Early 20th Century
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: ~~consent of instructor. Note: Students are required to have successfully completed one 300-level HADVC course with a minimum grade of B. [Moved under description]~~ Variable content course which may be repeated if topic(s) vary.

HADVC 409 - Topics in the History of Design
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: ~~consent of instructor. Note: Students are required to have successfully completed one 300-level HADVC course with a minimum grade of B. [Moved under description]~~ Variable content course which may be repeated if topic(s) vary.

HADVC 411 - Special Topics in the History of Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: consent of Department. [Moved under description] Variable content course which may be

Description

Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 406 - Topics in Art, Design and Visual Culture in the Early 20th Century
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 409 - Topics in the History of Design
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 411 - Special Topics in the History of Art, Design and Visual Culture
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Variable content course which may be repeated if topic(s) vary.

repeated if topic(s) vary.

HADVC 412 - Topics in Asian Art, Design and Visual Culture

Course Career Undergraduate

Units 3

Approved Hours 0-3S-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Prerequisite: ~~consent of instructor. Note: Students are required to have successfully completed one 300-level HADVC course with a minimum grade of B. [Moved under description]~~ Variable content course which may be repeated if topic(s) vary.

HADVC 418 - Special Subject, Fourth-Year Honors

Course Career Undergraduate

Units 6

Approved Hours 0-3S-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Preparation of the Honors essay, required in the fourth year of the Honors Program.

HADVC 455 - Topics in Art, Design and Visual Culture in the Second Half of the 19th Century

Course Career Undergraduate

Units 3

Approved Hours 0-3S-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Prerequisite: ~~consent of instructor. Note: Students are required to have successfully completed one 300-level HADVC course with a minimum grade of B. [Moved under description]~~ Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 412 - Topics in Asian Art, Design and Visual Culture

Course Career Undergraduate

Units 3

Approved Hours 0-3S-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 418 - Special Subject, Fourth-Year Honors

Course Career Undergraduate

Units 6

Approved Hours 0-3S-0

Fee index 12

Faculty Arts

Department Art & Design

Typically Offered two term

Description

Preparation of the Honors essay, required in the fourth year of the Honors Program.

HADVC 455 - Topics in Art, Design and Visual Culture in the Second Half of the 19th Century

Course Career Undergraduate

Units 3

Approved Hours 0-3S-0

Fee index 6

Faculty Arts

Department Art & Design

Typically Offered either term

Description

Variable content course which may be repeated if topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of B, or consent of the Department.

HADVC 456 - Topics in Art, Design and Visual Culture
from the Mid-20th Century to the Present
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Prerequisite: ~~consent of instructor. Note: Students are
required to have successfully completed one 300-level
HADVC course with a minimum grade of B. [Moved
under description]~~ Variable content course which may be
repeated if topic(s) vary.

HADVC 456 - Topics in Art, Design and Visual Culture
from the Mid-20th Century to the Present
Course Career Undergraduate
Units 3
Approved Hours 0-3S-0
Fee index 6
Faculty Arts
Department Art & Design
Typically Offered either term

Description

Variable content course which may be repeated if
topic(s) vary.

Prerequisite: Any HADVC 3XX with a minimum grade of
B, or consent of the Department.

Faculty of Arts	English and Film Studies
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Karyn Ball
Department/Unit Approval Date:	March 2, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Adding this phrase "and topics such as" will create flexibility for instructors who currently feel pressured by the wording of the current description to discuss every item on the list.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
ENGL 150 - Introduction to English Studies Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term Description An introduction to studies in the discipline recommended for students considering a major, minor, or Honors degree in English. Students will be introduced to a variety of methodological approaches while learning about current topics in literary, cultural and media studies, with special attention to race, Indigeneity, ethnicity, gender, sexuality, and class. NOTE: Credit does not fulfill Arts' common English requirement. (See Course Listing notes for ENGL courses.) Restricted to students registered in the Faculty of Arts.	ENGL 150 - Introduction to English Studies Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term Description An introduction to studies in the discipline recommended for students considering a major, minor, or Honors degree in English. Students will be introduced to a variety of methodological approaches while learning about literary, cultural and media studies, with special attention to topics such as race, Indigeneity, ethnicity, gender, sexuality, and class. NOTES: Not to be taken by students with 6 units in approved junior English. Credit does not fulfill the Arts common English requirement. Restricted to students registered in the Faculty of Arts.

Faculty of Arts	English and Film Studies
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Karyn Ball
Department/Unit Approval Date:	March 2, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

The program director wants to change the prerequisite because she deems 6 credits of junior English and/or WRS to be excessive as such.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
WRS 206 - Writing Special Effects: Rhetorical Grammar and Style Course Career Undergraduate Units 3 Approved Hours 0-3S-0 Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term Description Analysis of and practice in sentence structures to create/alter meaning and voice in nonfiction prose. Prerequisites: *6 selected from 100-level ENGL or 100-level WRS (or consent of instructor).	WRS 206 - Writing Special Effects: Rhetorical Grammar and Style Course Career Undergraduate Units 3 Approved Hours 0-3S-0 Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term Description Analysis of and practice in sentence structures to create/alter meaning and voice in nonfiction prose. Prerequisites: 3 units selected from 100-level ENGL or 100-level WRS (or consent of instructor).

Faculty of Arts	English and Film Studies
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Karyn Ball
Department/Unit Approval Date:	March 2, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
<p>ENGL 102 - Introduction to Critical Analysis Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term</p> <p>Description Introduces methods of critical analysis through a range of literature written in English, broadly conceived, from different historical periods and cultural locations. Not to be taken by students with 6 in approved junior English.</p> <p>ENGL 103 - Case Studies in Research Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term</p> <p>Description This variable content course introduces methods of literary research as an in-depth process through one or more case studies. Not to be taken by students with 6 in approved junior English. This course can only be taken once for credit. Note: refer to the Class Schedule and the Department of English and Film Studies website for</p>	<p>ENGL 102 - Introduction to Critical Analysis Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term</p> <p>Description Introduces methods of critical analysis through a range of literature written in English, broadly conceived, from different historical periods and cultural locations. Note: Not to be taken by students with 6 units in approved junior English.</p> <p>ENGL 103 - Case Studies in Research Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department English and Film Studies Typically Offered either term</p> <p>Description This variable content course introduces methods of literary research as an in-depth process through one or more case studies. Refer to the Class Schedule and the Department of English and Film Studies website for specific topics. This course cannot be repeated for credit. Note: Not to be taken by students with 6 units in</p>

specific topics.

ENGL 125 - Indigenous Literatures
Course Career Undergraduate
Units 3
Approved Hours VARIABLE
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to Indigenous literatures in North America, from their earliest oral forms to their contemporary variations. Not to be taken by students with *6 in approved junior English. **Note:** Sections reserved for students in the TYP Program include a 3 hour seminar component in addition to the 3 hour lecture component.

ENGL 206 - How Poems Work: Introduction to Poetry
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to a range of poetic forms, techniques and theories. Prerequisite: ~~*6 of junior English, or *3 of junior English plus WRS 101 or 102.~~

ENGL 207 - How Stories Work: Introduction to Narrative
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to narrative and narrative theory through a range of fictional and non-fictional writing. Prerequisite: ~~*6 of junior English, or *3 of junior English plus WRS 101 or 102.~~ Note: not to be taken by students with credit in ENGL 219.

ENGL 212 - Critical Approaches to the English Language
Course Career Undergraduate
Units 3
Approved Hours 3-0-0

approved junior English.

ENGL 125 - Indigenous Literatures
Course Career Undergraduate
Units 3
Approved Hours VARIABLE
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to Indigenous literatures in North America, from their earliest oral forms to their contemporary variations. **Note:** Not to be taken by students with 6 units in approved junior English. Sections reserved for students in the TYP Program include a 3 hour seminar component in addition to the 3 hour lecture component.

ENGL 206 - How Poems Work: Introduction to Poetry
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to a range of poetic forms, techniques and theories. Prerequisite: 6 units of junior ENGL, or 3 units of junior ENGL and 3 units of junior WRS.

ENGL 207 - How Stories Work: Introduction to Narrative
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

An introduction to narrative and narrative theory through a range of fictional and non-fictional writing. Prerequisite: 6 units of junior ENGL, or 3 units of junior ENGL and 3 units of junior WRS. Note: not to be taken by students with credit in ENGL 219.

ENGL 212 - Critical Approaches to the English Language
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6

Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description
Studies in the structure and social life of the English language. Prerequisite: ~~*6 of junior English, or *3 of junior English plus WRS 101 or 102.~~

ENGL 215 - Reading Literature Across Time

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Arts

Department English and Film Studies

Typically Offered either term

Description

An introduction to the history of literature by reading a wide range of texts across 800 years with a focus on cultural and social change. Prerequisite: ~~*6 of junior English, or *3 of junior English plus WRS 101 or 102.~~

Continue with this change to all 200 and 300 level ENGL Courses.

ENGL 216 - Introduction to Indigenous Literary Methods

ENGL 217 - Introduction to Literary and Critical Theory

ENGL 220 - Reading Gender and Sexuality

ENGL 221 - Reading Class and Ideology

ENGL 222 - Reading Race and Ethnicity

ENGL 223 - Reading Empire and the Postcolonial

ENGL 250 - Introduction to Canadian Literatures

ENGL 299 - Essay Writing for Education Students

ENGL 300 - Social and Cultural History of the English

Language

ENGL 301 - Topics in Genre

ENGL 302 - Topics in Literary and Critical Theories

ENGL 303 - Digital Culture

ENGL 305 - Topics in Literature and Religion

ENGL 306 - Life Writing

ENGL 307 - Métis Literature

ENGL 308 - Topics in Indigenous Literature

ENGL 309 - Indigenous Poetics

ENGL 310 - Postcolonial Literature

ENGL 311 - Topics in Postcolonial Literature

ENGL 312 - African Writing in English

ENGL 314 - Irish Writing in English

ENGL 315 - South Asian Writing in English

ENGL 316 - Middle-Eastern Writing in English

ENGL 325 - Medieval Literature

ENGL 327 - Topics in Medieval Literature

Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

Studies in the structure and social life of the English language. Prerequisite: 6 units of junior ENGL, or 3 units of junior ENGL and 3 units of junior WRS.

ENGL 215 - Reading Literature Across Time

Course Career Undergraduate

Units 3

Approved Hours 3-0-0

Fee index 6

Faculty Arts

Department English and Film Studies

Typically Offered either term

Description

An introduction to the history of literature by reading a wide range of texts across 800 years with a focus on cultural and social change. Prerequisite: 6 units of junior ENGL, or 3 units of junior ENGL and 3 units of junior WRS.

ENGL 337 - Topics in Early Modern Literature
ENGL 339 - Shakespeare
ENGL 340 - Seventeenth-Century Literature
ENGL 341 - Eighteenth-Century Literature
ENGL 343 - Topics in Eighteenth-Century Literature
ENGL 350 - Romanticism
ENGL 352 - Nineteenth-Century British Literature
ENGL 353 - Topics in Nineteenth-Century Literature
ENGL 357 - Topics in American Studies
ENGL 358 - American Texts to 1900
ENGL 360 - Race in American Texts
ENGL 361 - Topics in Transnational American Texts
ENGL 362 - American Texts After 1900
ENGL 363 - Modernist Literature
ENGL 367 - Topics in Contemporary Literature
ENGL 372 - Publishing Canadian Literatures
ENGL 373 - Colonialism and Canadian Literatures
ENGL 374 - Topics in Twentieth-Century Canadian Literary Movements
ENGL 375 - Writers, Institutions and the Canadian Literature Centre
ENGL 376 - Topics in Canadian Literatures
ENGL 378 - Contemporary Canadian Literatures
ENGL 380 - Writing from Here
ENGL 385 - Topics in Popular Culture
ENGL 387 - Youth Cultures
ENGL 388 - Children's Literature
ENGL 391 - Topics in Women's Writing
ENGL 392 - Queer and Trans Studies
ENGL 393 - Topics in Literature and the Environment
ENGL 394 - Race, Capitalism and Culture
ENGL 395 - Topics in Print Culture and Media Studies
ENGL 396 - Aesthetics and Politics
ENGL 397 - History of the Book
ENGL 398 - Histories of Reading
ENGL 336 - Sixteenth-Century Literature

ENGL 401 - Studies in Authors
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

Prerequisites: *6 of junior English or *3 of junior English plus WRS 101; and *12 of senior level English *6 of which must be at the 300 level. Note: variable content course which may be repeated.

ENGL 402 - Studies in Genres
Course Career Undergraduate
Units 3

ENGL 401 - Studies in Authors
Course Career Undergraduate
Units 3
Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

Prerequisites: 12 units of senior ENGL with a minimum of 6 units at the 300 level. Note: variable content course which may be repeated.

ENGL 402 - Studies in Genres
Course Career Undergraduate
Units 3
Approved Hours 3-0-0

Approved Hours 3-0-0
Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

Prerequisites: ~~*6 of junior English or *3 of junior English plus WRS 101; and *12 of senior-level English, *6 of which must be at the 300 level.~~ Note: variable content course which may be repeated.

Continue with this change to the 400 level ENGL Courses (where needed).

NGL 405 - Studies in Poetry
ENGL 407 - Studies in Texts and Cultures
ENGL 409 - Studies in Literary Periods and Cultural Movements
ENGL 424 - Studies in the History of Books
ENGL 425 - Studies in the History of Reading
ENGL 426 - Studies in Literary and Cultural Histories
ENGL 430 - Studies in Theory
ENGL 465 - Studies in Gender and Sexualities
ENGL 467 - Studies in Race and Ethnicity
ENGL 481 - Studies in Empire and the Postcolonial
ENGL 483 - Studies in Popular Culture
ENGL 484 - Studies in Literature and Film
ENGL 485 - Topics in Media Studies
ENGL 486 - Studies in Computer Technologies and Culture
ENGL 487 - Studies in Children's Literature

Fee index 6
Faculty Arts
Department English and Film Studies
Typically Offered either term

Description

Prerequisites: 12 units of senior ENGL with a minimum of 6 units at the 300 level. Note: variable content course which may be repeated.

Faculty of Arts	History, Classics and Religion
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Jane Samson
Department/Unit Approval Date:	February 10,2023
For which term will this change take effect?	EARLY IMPLEMENTATION

Rationale

At present our department has no topics number set aside for teaching advanced historiography or historical methods courses. This proposed seminar would enable any faculty member who wished to teach a seminar focused on particular historiographical area (e.g. Marxist history, gender) and/or methodological approach (e.g. quantitative history, visual sources).

We presently have a 2xx level historiography / methods course (HIST 290). Students who have completed that course have been informally surveyed in recent years about their interest in a senior level historiography / methods course and a majority have consistently expressed enthusiasm for that possibility.

Note: most 400-level HIST courses are (0-3s-0)

Course Template

Current: Removed language (Include all parts of course)	Proposed:
Subject & Number	HIST 473
Title	Topics in Methods and Historiography
Course Career	Course Career Undergraduate
Units	Units 3
Approved Hours	Approved Hours 0-3S-0
Fee index	Fee index 6
Faculty	Faculty Arts
Department	Department History, Classics, Religion
Typically Offered	Typically Offered either term
Description	Description Prerequisite: HIST 290 and 3 units in HIST at the 300-level, or consent of Department.

Faculty of Arts	History, Classics and Religion
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Jane Samson
Department/Unit Approval Date:	Feb, 10, 2023
For which term will this change take effect?	EARLY IMPLEMENTAION

Rationale

The proposed addition specifies that this course requires prior study at the third-year level in History, which is standard across fourth-year courses in History. This prerequisite statement seems to have been mistakenly omitted when this course was introduced a few years ago.

Note: Most all 400-level HIST courses are (0-0s-0)

Course Template

Current: Removed language (Include all parts of course)	Proposed: New language
<p><u>HIST 479 - Topics in Indigenous Histories - Global and Local</u></p> <p>Course Career Undergraduate Units 3 Approved Hours 0-3s-0 Fee index 6 Faculty Arts Department History, Classics, and Religion Typically Offered either term</p> <p>Addresses select themes in the histories of Indigenous peoples in global, comparative, and/or local contexts. Can be repeated if course content varies.</p>	<p><u>HIST 479 - Topics in Indigenous Histories - Global and Local</u></p> <p>Course Career Undergraduate Units 3 Approved Hours 0-3s-0 Fee index 6 Faculty Arts Department History, Classics, and Religion Typically Offered either term</p> <p>Addresses select themes in the histories of Indigenous peoples in global, comparative, and/or local contexts. Can be repeated if course content varies. Prerequisite: 3 units in HIST at the 300-level or consent of Department.</p>

Faculty of Arts	Media and Technology Studies
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Jobey Wills, mtsug@ualberta.ca
Department/Unit Approval Date:	February 13, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Things to consider (maximum 500 words, delete these questions before entering your own text):

MST 350 & MST 351 were formally taught as STS 350 & STS 351. Now that we have moved these courses into the Media Studies portfolio, we want to add clarity and consistency to the current course descriptions in order to eliminate confusion or unnecessary email inquiries as students register for these courses. The system already identifies the anti-requisites but the public-facing information in the calendar is not clear.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
<p>MST 350 - Understanding Video Games Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department Media and Technology Studies Typically Offered variable</p> <p>Description Beginning with an exploration of games in general and leading to modern video games. Prerequisite: CMPUT 250 or consent of the Program.</p> <p>MST 351 - Understanding Video Games Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts</p>	<p>MST 350 - Understanding Video Games Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department Media and Technology Studies Typically Offered variable</p> <p>Description Beginning with an exploration of games in general and leading to modern video games. Prerequisite: CMPUT 250 or consent of the Program. Not open to students with credit in STS 350, STS 351, or MST 351.</p> <p>MST 351 - Understanding Video Games Course Career Undergraduate Units 3 Approved Hours VARIABLE Fee index 6 Faculty Arts Department Media and Technology Studies</p>

Department Media and Technology Studies
Typically Offered variable

Description
Beginning with an exploration of games in general and leading to modern video games. This course will be delivered on-line and is offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar. Not open to students with credit in ~~or enrolled in~~ STS 350.

Typically Offered variable

Description
Beginning with an exploration of games in general and leading to modern video games. This course will be delivered on-line and is offered at an increased rate of fee assessment; refer to the Tuition and Fees page in the University Regulations sections of the Calendar. Not open to students with credit in STS 350, STS 351, or MST 350.

Faculty of Arts	St. Joseph's College
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Sara McKeon sara.mckeon@ualberta.ca
Department/Unit Approval Date:	St. Joseph's College Faculty Council February 13, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

<p>264 - The change in the course title more accurately reflects the content of the course.</p> <p>355 - The change in this course better reflects the reality of what is being taught and broadens the theological source material. The change also brings the course intention and content in line with a succession of courses (one each at the 100, 200, and 300 level) that cover foundational questions regarding Catholicism and Christianity in increasing depth. Undergraduate students will have the option of covering a similar area of theology at different levels and will encounter course materials most suitable to their stage of their academic career. These changes will benefit the curricular goal of SJC to provide foundational courses across the undergraduate experience. There exist no other departments at the University of Alberta that deal explicitly with the dimensions of Catholic faith.</p> <p>Teaching the Catechism as a stand-alone course does not currently meet the curricular needs of SJC, although at one time (i.e., at the introduction of the latest iteration of the Catechism) it was useful. The change reflects the evolution of the context of the Catechism.</p>

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
<p>CHRTC 264 Dimensions of the Christian Faith</p> <p>Undergraduate 3.0 3-0-0 6 Arts St. Joseph's College Either Term</p> <p>An introduction to the major dimensions of Christianity, such as revelation, faith, Scripture, God, and Jesus as Lord and Saviour, with reflection on each in light of contemporary human experience.</p> <p>CHRTC 355 - The Catechism of the Catholic Church: Theological Perspectives</p> <p>Undergraduate 3.0 3-0-0</p>	<p>CHRTC 264 - Foundations of Christianity</p> <p>Undergraduate 3.0 3-0-0 6 Arts St. Joseph's College Either Term</p> <p>An introduction to the major dimensions of Christianity, such as revelation, faith, Scripture, God, and Jesus as Lord and Saviour, with reflection on each in light of contemporary human experience.</p> <p>CHRTC 355 - Dimensions of the Catholic Faith</p> <p>Undergraduate 3.0 3-0-0 6</p>

6
Arts
St. Joseph's College
Either Term

Scripture, the moral life, ~~systematic theology~~, social teachings, ~~catechesis, the spiritual life in the Catechism.~~
~~The relationship between the Catechism and Catholic theological development.~~

Arts
St. Joseph's College
Either Term

Scripture, the moral life, social teachings, sacraments, prayer, and spirituality in light of the Catholic tradition and human experience.

This package contains: [Undergraduate - Minor Program Changes](#)

Faculty approval date:

AAC Date: March 14.2023

Page	Department or Unit	What is Changing
2	Art & Design	BA Major
4	Art & Design	BA Minor
6	Art & Design	BDes - Engineering Route
8	Media and Technology Studies	Computer Game Development Certificate
10	Modern Languages and Cultural Studies	MLCS Certificate in Translation Studies

Faculty of Arts	Art & Design
Level of change	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Type of Change	<input checked="" type="checkbox"/> Program <input type="checkbox"/> Regulation
Are there corresponding course changes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Additional Documentation Attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

This change will provide greater clarity for Art & Design majors and adds the missing studio areas.

https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42208

Calendar Copy

Current: Removed language (Include name of program)	Proposed: New language
<p>Major in Art and Design [Arts]</p> <p>General Information Move(1) See Bachelor of Arts for additional regulations and requirements. The Department of Art and Design offers areas of concentration in the studio disciplines (Painting, Printmaking, Sculpture, Industrial Design, Visual Communication Design) as well as in the History of Art, Design, and Visual Culture. The program allows for concentration in any of these areas, as well as for different combinations of them.</p> <p>For information relating to courses in Art and Design, consult Course Listings.</p> <p>The Department of Art and Design also offers:</p> <hr/> <ul style="list-style-type: none"> ● Bachelor of Design ● Bachelor of Fine Arts in Art and Design ● Bachelor of Arts Honors in History of Art, Design, and Visual Culture ● graduate programs. <hr/> <p>Regulations</p>	<p>Major in Art and Design [Arts]</p> <p>General Information The Department of Art and Design offers courses in studio disciplines (Drawing, Media Arts, Painting, Printmaking, Sculpture, Industrial Design, Visual Communication Design) as well as in the History of Art, Design, and Visual Culture. The program allows for different combinations of these courses.</p> <p>For information relating to courses in Art and Design, consult Course Listings for ART, DES and HADVC.</p> <p>See the department website for more information.</p>

Students who major or minor in Art and Design may not select their other subject of concentration from the Department of Art and Design.

Move and edit (2) Students are expected to have successfully completed prerequisite courses with a minimum averaged grade of B-. Registration may be withheld in cases where the averaged grade in prerequisite courses is below a B-.

Move(3) Bachelor of Fine Arts and Bachelor of Design students in Art and Design have priority registration in all Art and Design studio courses at the senior level. Registration in remaining spaces is based upon academic performance in required prerequisite courses.

Requirements for the Major

A major in Art and Design requires a minimum of 30 units to a maximum of 48 units at the senior level, of which at least 6 units must be at the 400-level.

Regulations

See Bachelor of Arts for additional regulations and requirements. **Moved(1)**

Students who major or minor in Art and Design may not select their other subject of concentration from the Department of Art and Design.

Requirements for the Major

A major in Art and Design requires a minimum of 30 units to a maximum of 48 units at the senior level in **ART and/or DES and/or HADVC**, of which at least 6 units must be at the 400-level.

Notes:

1. ART 134 and DES 135 are the prerequisites for all second year studio courses in the department.

2. **Moved (2)** Students are expected to have successfully completed prerequisite courses with a minimum averaged grade of B-. Registration may be withheld in cases where the averaged grade in prerequisite courses is below a B-.

3. **Moved (3)** Bachelor of Fine Arts (BFA) and Bachelor of Design (BDes) students in Art and Design have priority registration in all Art and Design studio courses at the senior level. Registration in remaining spaces is based upon academic performance in required prerequisite courses.

4. Students considering transferring into the BFA or BDes programs should plan in consultation with the program advisor.

Faculty of Arts	Art & Design
Level of change	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Type of Change	<input checked="" type="checkbox"/> Program <input type="checkbox"/> Regulation
Are there corresponding course changes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Additional Documentation Attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

This change will provide greater clarity for Art & Design minors and adds the missing studio areas.

https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42208

Calendar Copy

Current: Removed language (Include name of program)	Proposed: New language
<p>Minor in Art and Design [Arts] General Information This minor is commonly taken as part of the Bachelor of Arts program, which has additional regulations and requirements.</p> <p>Students from other programs should note the regulations and requirements on their own program page.</p> <p>The Department of Art and Design offers areas of concentration in the studio disciplines (Painting, Printmaking, Sculpture, Industrial Design, Visual Communication Design) as well as in the History of Art, Design, and Visual Culture. The program allows for concentration in any of these areas, as well as for different combinations of them.</p> <p>For information relating to courses in Art and Design, consult Course Listings.</p> <p>The Department of Art and Design also offers:</p> <p>Bachelor of Design Bachelor of Fine Arts in Art and Design Bachelor of Arts Honors in History of Art, Design, and Visual Culture graduate programs.</p>	<p>Minor in Art and Design [Arts] General Information This minor is commonly taken as part of the Bachelor of Arts program, which has additional regulations and requirements.</p> <p>Students in from other programs should note the regulations and requirements on their own program page.</p> <p>The Department of Art and Design offers courses in studio disciplines (Drawing, Media Arts, Painting, Printmaking, Sculpture, Industrial Design, Visual Communication Design) as well as in the History of Art, Design, and Visual Culture. The program allows for different combinations of these courses.</p> <p>For information relating to courses in Art and Design, consult Course Listings for ART, DES and HADVC.</p> <p>See the department website for more information.</p>

Regulations

Students who major or minor in Art and Design may not select their other subject of concentration from the Department of Art and Design.

Move and edit (1) Students are expected to have successfully completed prerequisite courses with a minimum averaged grade of B-. Registration may be withheld in cases where the averaged-grade in prerequisite courses is below a B-.

Move (2) Bachelor of Fine Arts and Bachelor of Design students in Art and Design have priority registration in all Art and Design studio courses at the senior level. Registration in remaining spaces is based upon academic performance in required prerequisite courses.

Requirements for the Minor

A minor in Art and Design requires a minimum of 12 units to a maximum of 42 units at the senior level, of which at least 6 units must be at the 300- or 400-level.

Regulations

Students who major or minor in Art and Design may not select their other subject of concentration from the Department of Art and Design.

Requirements for the Minor

A minor in Art and Design requires a minimum of 12 units to a maximum of 42 units at the senior level in ART and/or DES and/or HADV, of which at least 6 units must be at the 300- or 400-level.

Notes:

1. ART 134 and DES 135 are the prerequisites for all second year studio courses in the department.

2. **Moved (1)** Students are expected to have successfully completed prerequisite courses with a minimum averaged grade of B-. Registration may be withheld in cases where the averaged grade in prerequisite courses is below a B-.

3. **Moved (2)** Bachelor of Fine Arts (BFA) and Bachelor of Design (BDes) students in Art and Design have priority registration in all Art and Design studio courses at the senior level. Registration in remaining spaces is based upon academic performance in required prerequisite courses.

Faculty of Arts	Art & Design
Level of change	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Type of Change	<input checked="" type="checkbox"/> Program <input type="checkbox"/> Regulation
Are there corresponding course changes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Additional Documentation Attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contact Person:	Caitlin Wells
Department/Unit Approval Date:	January 27, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

<p>Bachelor of Design Engineering route students are already permitted to take any combination of these classes to fulfill the final 6 units of their electives, allowing greater flexibility in the program. (The calendar change allowing for up to 6 units of 400-level HADVC was never intended to be written as “OR”.) This calendar change makes what is already in practice official. (Other editing changes as suggested by Lindsay Dobson.)</p>
<p>Paste current calendar URL here</p>

Calendar Copy

Current: Removed language (Include name of program)	Proposed: New language
<p>Bachelor of Design [...] Program Requirements [...] Engineering Route (120 units) [...] Year 4 (30 units) ART or DES (300- or 400- or 500-level) (6 units) MEC E 300-level (3 units) DES 500 - The Practice of Industrial Design I DES 501 - The Practice of Industrial Design II DES 502 - Product Design Applications and Technologies DES 503 - Furniture Design Applications and Production Technologies MEC E 260 - Mechanical Design I</p> <ul style="list-style-type: none"> Arts or Science options (200-level or 300-level) (6 units) OR 	<p>Bachelor of Design [...] Program Requirements [...] Engineering Route (120 units) [...] Year 4 (30 units) ART or DES (300- or 400- or 500-level) (6 units) MEC E 300-level (3 units) DES 500 - The Practice of Industrial Design I DES 501 - The Practice of Industrial Design II DES 502 - Product Design Applications and Technologies DES 503 - Furniture Design Applications and Production Technologies MEC E 260 - Mechanical Design I</p> <p>6 units from:</p> <ul style="list-style-type: none"> Arts or Science options (200-level or 300-level)

Two of:

- CH E 243 - Engineering Thermodynamics
- MEC E 380 - Advanced Strength of Materials I

OR

- HADVC 400-level (6 units)

[...]

Promotion [Moved into Social Sciences section and out of promotion]

[...]

d. For students undertaking the Social Sciences Route, Social Science Option courses must be chosen from the following disciplines:

- Anthropology (ANTHR)
- Community Service-Learning (CSL)
- ~~Earth and Atmospheric Studies (EAS - only those courses designated as Arts EAS X9X)~~
- Economics (ECON)
- History (HIST)
- Human Geography (HGEO)
- Interdisciplinary Undergraduate (INT D) - subject to approval by the advisor
- Linguistics (LING)
- Middle Eastern and African Studies (MEAS)
- Planning (PLAN)
- Political Science (POL S)
- Psychology (PSYCH- only those courses designated as Arts courses)
- Science, Technology and Society (STS)
- Sociology (SOC)
- Women's and Gender Studies (WGS)

- CH E 243 - Engineering Thermodynamics
- MEC E 380 - Advanced Strength of Materials I
- HADVC 400-level

Note:

Social Science Option courses must be chosen from the following disciplines:

- Anthropology (ANTHR)
- Community Service-Learning (CSL)

- Economics (ECON)
- History (HIST)
- Human Geography (HGEO)
- Interdisciplinary Undergraduate (INT D) - subject to approval by the advisor
- Linguistics (LING)
- Middle Eastern and African Studies (MEAS)
- Planning (PLAN)
- Political Science (POL S)
- Psychology (PSYCH- only those courses designated as Arts courses)
- Science, Technology and Society (STS)
- Sociology (SOC)
- Women's and Gender Studies (WGS)

Faculty of Arts	Media and Technology Studies
Level of change	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Type of Change	<input checked="" type="checkbox"/> Program <input type="checkbox"/> Regulation
Are there corresponding course changes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Additional Documentation Attached	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contact Person:	Jobey Wills, mtsug@ualberta.ca
Department/Unit Approval Date:	February 13, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

Things to consider (maximum 500 words, delete these questions before entering your own text):

To meet the demand of increased student enrollment in the Certificate in Computer Game Development we have added two more relevant courses to count towards the 12 units required. This will allow the students more options to fulfil the requirements.

https://calendar.ualberta.ca/preview_program.php?catoid=36&poiid=42291&returnto=11331

Calendar Copy

Current: Removed language (Include name of program)	Proposed: New language
<p>Certificate in Computer Game Development [Arts]</p> <p>The Certificate in Computer Game Development is a joint certificate offered by the Faculties of Arts and Science and is open to any undergraduate student at the University of Alberta. The certificate complements discipline-specific studies with courses that provide opportunities to work in multidisciplinary teams, build complete small and medium-scale games, and interact with industry.</p> <p>Students wishing to pursue the Certificate in Computer Game Development must declare their intention through either Undergraduate Student Services in the Faculty of Arts or through Undergraduate Students Services in the Faculty of Science.</p> <p>To be awarded the certificate students must apply through Bear Tracks with their application to graduate by the application deadline for convocation (see Academic Schedule).</p>	<p>Certificate in Computer Game Development [Arts]</p> <p>The Certificate in Computer Game Development is a joint certificate offered by the Faculties of Arts and Science and is open to any undergraduate student at the University of Alberta. The certificate complements discipline-specific studies with courses that provide opportunities to work in multidisciplinary teams, build complete small and medium-scale games, and interact with industry.</p> <p>Students wishing to pursue the Certificate in Computer Game Development must declare their intention either through the Undergraduate Student Services in the Faculty of Arts or through the Undergraduate Students Services in the Faculty of Science.</p> <p>Certificate Type: Embedded Application: No Offered jointly by: The Faculty of Arts and the</p>

Students may pursue the Certificate in Computer Game Development by fulfilling existing requirements for majors, minors or honors in their respective disciplines and by completing 18 units as follows:

Certificate Requirements

CMPUT 250 - Computers and Games
INT D 450 - Computers and Games

12 units selected from

CMPUT 350 - Advanced Games Programming
EDIT 486 - Interactive Multimedia
INT D 350 - Game Design Principles and Practice
MUSIC 245 - Introduction to Music Technologies
MST 350 - Understanding Video Games
MST 351 - Understanding Video Games
WRITE 399 - Projects in Genre

Note:

WRITE 399 may only be applied when topic is appropriate and approved by the program.

Faculty of Science

Who can take it: The Certificate in Computer Game Development is a joint certificate open to any undergraduate student enrolled in a bachelor degree program at the University of Alberta.

Certificate Requirements(18 Units)

CMPUT 250 - Computers and Games
INT D 450 - Computers and Games

12 units selected from

CMPUT 256 - Game Artificial Intelligence
CMPUT 350 - Advanced Games Programming
EDIT 486 - Interactive Multimedia
INT D 350 - Game Design Principles and Practice
MST 350 - Understanding Video Games
MST 351 - Understanding Video Games
MUSIC 245 - Introduction to Music Technologies
MUSIC 445 - Electroacoustic Music
WRITE 399 - Projects in Genre

Notes:

1. Students may only take one of MST 350 or MST 351 for credit.
2. WRITE 399 may only be applied when topic is appropriate and approved by the program.
3. MUSIC 445 may only be applied when topic is appropriate and approved by the program.

Application to graduate with this certificate:

An Embedded Certificate can only be awarded at the time of Graduation. When Faculty of Arts students apply to graduate in Bear Tracks they must also declare certificate completion (see Academic Schedule).

Students from other faculties must apply for this certificate through Undergraduate Students Services in the Faculty of Arts by the application deadline for convocation.

Contact Information:

For further information about this certificate program, students should email mtsug@ualberta.ca

Faculty of Arts	Modern Languages and Cultural Studies
Level of change (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Contact Person:	Claudia Kost
Department/Unit Approval Date:	Feb. 6, 2023

Rationale for change (Indicate other consultation groups, departments, units or faculties)

In order to allow students to complete the MLCS Certificate in Translation Studies in Ukrainian in a timely manner, we are making the requirements more flexible.

In addition to the required courses MLCS 300 and 400, students in Ukrainian will complete 15 units at the 300- and/or 400-level. Students pursuing the certificate will work on translation-related projects in these senior level courses. These changes will help students to complete the requirements for the certificate in a timely manner and without additional accommodations.

Consultation was made with the Ukrainian/Slavic area colleagues.

Calendar Copy

Current: Removed language (Include all parts of course)	Proposed: New language
MLCS Certificate in Translation Studies [...]	MLCS Certificate in Translation Studies [...]
Ukrainian: Required courses <ul style="list-style-type: none"> • MLCS 300 - Introduction to Translation • MLCS 400 - The History of Translation • UKR 413 • 12 units in UKR at the 300- and/or 400-level in addition to those listed above. 	Ukrainian: Required courses <ul style="list-style-type: none"> • MLCS 300 - Introduction to Translation • MLCS 400 - The History of Translation • 15 units in UKR at the 300- and/or 400-level in addition to those listed above.

Calendar Change Request Form for Course 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) [?]	<input type="radio"/>	Undergraduate X
	<input type="radio"/>	Graduate
For which term will this change take effect?	Immediately, for scheduling purposes	

Rationale

This is a change to the 'approved hours' only. Instead of a three hour per week lecture, we wish to have a 1.5 hour per week lecture and a 1.5 hour per week seminar.

Course Template

Current	Proposed
Removed language	New language
Subject & Number BUS 222	Subject & Number BUS 222
Title: Professionalism and responsible impact	Title: Professionalism and responsible impact
Course Career Undergraduate	Course Career Undergraduate
Units: 3	Units: 3
Approved Hours 3-0-0	Approved Hours 1.5-1.5-0
Fee index 6	Fee index 6
Faculty Alberta School of Business	Faculty Alberta School of Business
Department Business	Department Business
Typically Offered either term	Typically Offered either term
Description Prerequisite: BUS 101 (this prerequisite can be waived for transfer students) Professionalism shows up in how you interact with people and communities, and how you represent yourself and your organization. This course will delve into several aspects of professional skills including business communication, respectful interactions with communities, giving presentations, and presenting one's self as a job candidate. Teambuilding and	Description Prerequisite: BUS 101 (this prerequisite can be waived for transfer students) Professionalism shows up in how you interact with people and communities, and how you represent yourself and your organization. This course will delve into several aspects of professional skills including business communication, respectful interactions with communities, giving presentations, and presenting one's self as a job candidate. Teambuilding and

collaboration will be honed through case-based work. Topics such as responsible and ethical decision making, equity, diversity and inclusivity (EDI) across different aspects of business, and aspects of Indigenous business will be introduced, amongst others.

collaboration will be honed through case-based work. Topics such as responsible and ethical decision making, equity, diversity and inclusivity (EDI) across different aspects of business, and aspects of Indigenous business will be introduced, amongst others.

Reviewed/Approved by:

Business Council
Approved April 3, 2023

Approved by USPC Feb 29, 2023



Calendar Change Request Form for Course 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
For which term will this change take effect?	Immediately, for scheduling purposes	

Rationale

This is a change to the 'approved hours' only. Instead of a three hour per week lecture, we wish to have a 1.5 hour per week lecture and a 1.5 hour per week seminar.

Course Template

Current	Proposed
Removed language	New language
Subject & Number BUS 303	Subject & Number BUS 303
Title: Application of Business Concepts	Title: Application of Business Concepts
Course Career Undergraduate	Course Career Undergraduate
Units: 3	Units: 3
Approved Hours 3-0-0	Approved Hours 1.5-1.5-0
Fee index 6	Fee index 6
Faculty Alberta School of Business	Faculty Alberta School of Business
Department Business	Department Business
Typically Offered either term	Typically Offered either term
Description Prerequisite: BUS 222 This course will continue building upon the professional, interpersonal, and team-building skills practiced in earlier courses. Collaboration and problem-solving will continue to be honed through case-based work. Aligning your skills and knowledge with broader societal impact issues will be explored to	Description Prerequisite: BUS 222 This course will continue building upon the professional, interpersonal, and team-building skills practiced in earlier courses. Collaboration and problem-solving will continue to be honed through case-based work. Aligning your skills and knowledge with broader societal impact issues will be explored to

help you think about how business can solve problems.	help you think about how business can solve problems.
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Reviewed/Approved by:

Business Council Approved April 3, 2023
Approved by USPC Feb 29, 2023



Calendar Change Request Form for Course 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) [?]	<input type="radio"/>	Undergraduate X
	<input type="radio"/>	Graduate
For which term will this change take effect?	Immediately, for scheduling purposes	

Rationale

This is a change to the 'approved hours' only. Instead of a three hour per week lecture, we wish to have a 1.5 hour per week lecture and a 1.5 hour per week seminar.

Course Template

Current	Proposed
Removed language	New language
Subject & Number BUS 404	Subject & Number BUS 404
Title: Capstone Project	Title: Capstone Project
Course Career Undergraduate	Course Career Undergraduate
Units: 3	Units: 3
Approved Hours 3-0-0	Approved Hours 1.5-1.5-0
Fee index 6	Fee index 6
Faculty Alberta School of Business	Faculty Alberta School of Business
Department Business	Department Business
Typically Offered either term	Typically Offered either term
Description Prerequisite: BUS 303 This will be a project-based course that will give our students the opportunity to apply knowledge from all areas of business understanding and skills to helping solve a problem faced by a business, organization, or community. Where possible real-world problems and challenges will be addressed.	Description Prerequisite: BUS 303 This will be a project-based course that will give our students the opportunity to apply knowledge from all areas of business understanding and skills to helping solve a problem faced by a business, organization, or community. Where possible real-world problems and challenges will be addressed.

Reviewed/Approved by:

Business Council: Approved April 3, 2023
Approved by USPC, Feb 29, 2023

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

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

We would like to remove a requirement from our Accounting Honours Program. Currently, students are having challenges fitting all of their course requirements into their degree. In consultation with the Accounting Department, we would like to remove the Year Four requirement of, “[ACCTG 432 - Financial Statement Analysis I](#) OR One additional finance elective above the [FIN 301](#) level”. Instead, we would like to instead require an additional free elective, with the recommendation that the student takes one of these courses.

Calendar Copy

URL in current Calendar (or “New page”) https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42745&returnto=11332	
Current Copy: Removed language	Proposed Copy: <u>New language</u>
<h2>Sequence of Courses</h2> <hr/>	<h2>Sequence of Courses</h2> <hr/>
<h3>Year Two—Fall</h3> <hr/>	<h3>Year Two—Fall</h3> <hr/>
ACCTG 311 - Introduction to Accounting for Financial Performance BUS 201 - Foundations of Business (see Note 1)	ACCTG 311 - Introduction to Accounting for Financial Performance BUS 201 - Foundations of Business (see Note 1)

MARK 301 - Introduction to Marketing
MGTSC 312 - Probability and Statistics for Business

3 units in electives outside Business (see Note 2)

Year Two—Winter

ACCTG 322 - Introduction to Accounting for Management Decision Making

BTM 311 - Management Information Systems (see Note 3)

FIN 301 - Introduction to Finance

SEM 310 - Introduction to Management, Organization and Entrepreneurship

3 units in electives outside Business (see Note 2)

Year Three

ACCTG 414 - Intermediate Financial Accounting I

ACCTG 415 - Intermediate Financial Accounting II

ACCTG 424 - Intermediate Management Accounting

3 units in Accounting electives (see Note 6)

B LAW 301 - Legal Foundations of the Canadian Economy (see Note 4)

OM 352 - Operations Management (see Note 3)

BUEC 311 - Business Economics, Organizations and Management **OR**

ECON 281 - Intermediate Microeconomic Theory I (see Note 5)

FIN 412 - Investment Principles

MARK 301 - Introduction to Marketing
MGTSC 312 - Probability and Statistics for Business

3 units in electives outside Business (see Note 2)

Year Two—Winter

ACCTG 322 - Introduction to Accounting for Management Decision Making

BTM 311 - Management Information Systems (see Note 3)

FIN 301 - Introduction to Finance

SEM 310 - Introduction to Management, Organization and Entrepreneurship

3 units in electives outside Business (see Note 2)

Year Three

ACCTG 414 - Intermediate Financial Accounting I

ACCTG 415 - Intermediate Financial Accounting II

ACCTG 424 - Intermediate Management Accounting

3 units in Accounting electives (see Note 6)

B LAW 301 - Legal Foundations of the Canadian Economy (see Note 4)

OM 352 - Operations Management (see Note 3)

BUEC 311 - Business Economics, Organizations and Management **OR**

ECON 281 - Intermediate Microeconomic Theory I (see Note 5)

FIN 412 - Investment Principles

3 units in electives outside Business (see Note 2)

3 units in free electives (see Note 2)

Year Four

ACCTG 418 - Advanced Financial Accounting

~~ACCTG 432 - Financial Statement Analysis~~
~~OR~~

~~One additional finance elective above the FIN 301 level (see Note 7).~~

ACCTG 480 - Accounting Honors Seminar Part I

ACCTG 481 - Accounting Honors Seminar Part II

6 units in Accounting electives (see Note 6)

FIN 422 - Capital Investment

9 units in free electives (see Note 2)

Notes

1. See Policy on Elective Courses.
2. May be taken in either of Year Three or Year Four.
3. May be taken in any year except Year Two, Fall Term. Students planning to take advanced course work in Economics may wish to substitute ECON 281, which is accepted as a substitute for BUEC 311 in the Accounting major.
4. May be taken either in Year Two, (Winter Term) or Year Three.

3 units in electives outside Business (see Note 2)

3 units in free electives (see Note 2)

Year Four

ACCTG 418 - Advanced Financial Accounting

ACCTG 480 - Accounting Honors Seminar Part I

ACCTG 481 - Accounting Honors Seminar Part II

6 units in Accounting electives (see Note 6)

FIN 422 - Capital Investment

12 units* in free electives (see Note 2)

*Students are encouraged to use 3 units of their Free Electives to take ACCTG 432 or one additional finance course above the FIN 301 level

Notes

1. See Policy on Elective Courses.
2. May be taken in either of Year Three or Year Four.
3. May be taken in any year except Year Two, Fall Term. Students planning to take advanced course work in Economics may wish to substitute ECON 281, which is accepted as a substitute for BUEC 311 in the Accounting major.
4. May be taken either in Year Two, (Winter Term) or Year Three.

5. Students may choose to do [ACCTG 416](#), [FIN 430](#), [OM 468](#) or [SEM 441](#) in place of [ACCTG 426](#).

6 a. Students planning to work toward a professional accounting designation should, in addition to the requirements of the major, consider taking courses for the applicable accounting organization. See [Special Students Studying to Satisfy Requirements of Professional Accounting Organizations](#) for information concerning the Chartered Professional Accountants.

b. While students are advised to follow the sequencing of accounting courses determined by the course prerequisites, when necessary, after-degree students or students with special scheduling problems may take an accounting course and its prerequisite concurrently with permission of the Department Chair.

5. Students may choose to do [ACCTG 416](#), [FIN 430](#), [OM 468](#) or [SEM 441](#) in place of [ACCTG 426](#).

6 a. Students planning to work toward a professional accounting designation should, in addition to the requirements of the major, consider taking courses for the applicable accounting organization. See [Special Students Studying to Satisfy Requirements of Professional Accounting Organizations](#) for information concerning the Chartered Professional Accountants.

b. While students are advised to follow the sequencing of accounting courses determined by the course prerequisites, when necessary, after-degree students or students with special scheduling problems may take an accounting course and its prerequisite concurrently with permission of the Department Chair.

Reviewed/Approved by:

Business Council Date Approved April 3, 2023
Approved by USPC, March 10, 2023

Faculty (& Department or Academic Unit):	Faculty of Education, Professional Learning
Contact Person:	Doug Gleddie
Level of change: (choose one only)	Undergraduate
Level of change: (choose one only)	<ul style="list-style-type: none"> • Graduate
Type of change request: (check all that apply)	<ul style="list-style-type: none"> • Program
Type of change request: (check all that apply)	Regulation
For which term is this intended to take effect?	Spring 2023
Does this proposal have corresponding course changes? (Should be submitted at the same time)	

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

Adding these two courses (which qualify students for the province's school leader certification) to the 'other' category enables the Faculty to offer programs that meet emerging needs as identified by the field. Specifically, the Graduate Certificate in Educational Studies can include these Leadership Quality Standard courses for cohorts as needed.

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=46304	
Current Copy: Removed language	Proposed Copy: New language

<p>Program Requirements</p> <p>Students are required to complete four 3-unit courses for a total of 12 units. These courses are completed as part of a cohort and may consist of courses from one area of focus or a combination of several.</p> <p>Required Courses (12 units)</p> <p>Other</p> <p>EDU 595 – Special Topics in Educational Theory and Practice</p> <p>EDU 598 – Guided Independent Study in Educational Theory and Practice</p>	<p>Program Requirements</p> <p>Students are required to complete four 3-unit courses for a total of 12 units. These courses are completed as part of a cohort and may consist of courses from one area of focus or a combination of several.</p> <p>Required Courses (12 units)</p> <p>Other</p> <p>EDU 520 Theoretical and Professional Foundations of School Leadership</p> <p>EDU 521 School Leadership: Theory and Practice</p> <p>EDU 595 – Special Topics in Educational Theory and Practice</p> <p>EDU 598 – Guided Independent Study in Educational Theory and Practice</p>
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Reviewed/Approved by:

<p>REQUIRED: Faculty Council (or delegate) and approval date. February 6, 2023 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Faculty of Education
Contact Person:	Scott Key
Level of change: (choose one only)	Undergraduate
Level of change: (choose one only)	<ul style="list-style-type: none"> • Graduate
Type of change request: (check all that apply)	<ul style="list-style-type: none"> • Program
Type of change request: (check all that apply)	Regulation
For which term is this intended to take effect?	Summer 2023
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

This calendar change is necessary to address specific needs of rural school divisions. The courses – EDU 550 and EDU 551 – were developed based on Alberta Education’s Leadership Quality Standard. This means that these courses meet the criteria for the Graduate Certificate in School Leadership.

Calendar Copy

URL in current Calendar (or “New page”) https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=43165&returnto=11393	
Current Copy: Removed language	Proposed Copy: New language

Note

Elective Courses (★6):

Students must complete two of the following:

EDU 523 System Leadership: Theory and Practice
EDU 530 First Nations, Métis, and Inuit Issues for School Leaders
EDU 596 Special Topics in Educational Leadership

Note

Elective Courses (★6):

Students must complete two of the following:

EDU 523 System Leadership: Theory and Practice
EDU 530 First Nations, Métis, and Inuit Issues for School Leaders
EDU 550 Rural Education Issues and Advantages
EDU 551 Working with Stakeholders in Rural Education Contexts
EDU 596 Special Topics in Educational Leadership

Reviewed/Approved by:

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

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

Faculty (& Department or Academic Unit):	Education (Educational Psychology)
Contact Person:	Lesly Wade-Woolley
Level of change: (choose one only)	<ul style="list-style-type: none"> • Undergraduate • Graduate
Type of change request: (check all that apply)	<ul style="list-style-type: none"> • Program • Regulation
For which term is this intended to take effect?	When approved
Does this proposal have corresponding course changes? (Should be submitted at the same time)	NO

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

The revised calendar language reflects current program area specializations and program offerings, and removes references to the Department of Educational Psychology.

Calendar Copy

URL in current Calendar (or "New page")	
https://calendar.ualberta.ca/preview_program.php?catoid=36&poide=42524&returnto=11393	
Current Copy: Removed language	Proposed Copy: New language

Entrance Requirements

The Faculty's minimum admission requirements are a four-year undergraduate degree with a minimum grade point average of 3.0 in the last two years of undergraduate work (or graduate work) at the University of Alberta, or an equivalent qualification from a recognized institution. For those students whose previous academic work was completed in a language other than English, the Faculty requires proof of proficiency in the English language. Any one of the following is acceptable:

- TOEFL score of 93 Internet-based, with a score of at least 24 on speaking and writing, and 21 on reading and listening, or equivalent; or
- An Academic IELTS score of 7.0 with no band less than 6.5; or
- An official CAEL (Canadian Academic English Language assessment system) score of at least 70 in all bands.

Areas within the Faculty may have higher standards.

The TESL program requires the following for those students whose first language is not English:

- TOEFL score of 600 paper-based (or 250 computer-based); and
- TSE score of 55 (minimum) (SPEAK scores are not acceptable); or

Entrance Requirements

The Faculty's minimum admission requirements are a four-year undergraduate degree with a minimum grade point average of 3.0 in the last two years of undergraduate work (or graduate work) at the University of Alberta, or an equivalent qualification from a recognized institution. For those students whose previous academic work was completed in a language other than English, the programs require proof of proficiency in the English language. Any one of the following is acceptable:

- TOEFL score of 93 Internet-based, with a score of at least 24 on speaking and writing, and 21 on reading and listening, or equivalent; or
- An Academic IELTS score of 7.0 with no band less than 6.5; or
- An official CAEL (Canadian Academic English Language assessment system) score of at least 70 in all bands.

Particular program specializations may have higher TOEFL standards. See the program pages for the [TESL Ph.D.](#) and [TESL M.Ed.](#) for details.

<ul style="list-style-type: none"> • TOEFL iBT (Internet-based) score of 98, with minimum scores of 28 in the speaking component, 22 in the reading component and 24 in the listening and writing components; OR • An Academic IELTS score of 8 (minimum) on listening/speaking bands with no band less than 7; or • An official CAEL (Canadian Academic English Language assessment system) score of at least 80 on listening/speaking bands with no band less than 70. <p>Additional information regarding English Language proficiency may be found on the Faculty of Graduate Studies and Research website.</p> <p>Additional details concerning admission requirements, including prerequisite courses, within each area may be found on the Faculty's website.</p>	<p>Additional information regarding English Language proficiency may be found on the Faculty of Graduate Studies and Research website.</p> <p>Additional details concerning admission requirements, including prerequisite courses, within each area may be found on the Faculty's website.</p>
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Reviewed/Approved by:

<p>REQUIRED: Faculty Council (or delegate) and approval date. March 6, 2023 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>



Faculty (& Department or Academic Unit):	LAW
Contact Person:	James Muir
Level of change: (choose one only)	<ul style="list-style-type: none"> • Undergraduate •
Type of change request: (check all that apply)	<ul style="list-style-type: none"> • Program •
For which term is this intended to take effect?	ASAP
Does this proposal have corresponding course changes? (Should be submitted at the same time)	

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

LAW101 is designed for non-Law students to first experience the Faculty of Law. Law students should not receive credit for it, as it largely replicates small parts of the first and second year curriculum.

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_course_nopop.php?catoid=36&coid=451329	
Current Copy: Removed language	Proposed Copy: New language
<p>LAW 101 - Introduction to Canadian Law</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Law Department Law Typically Offered either term</p> <p>Description An introduction to the important principles, people, and processes of the Canadian law and legal system. The course will provide an introduction and overview of foundational subjects in Canadian law such as Indigenous Law, Constitutional Law, Criminal Law, Torts Law, Contracts Law, Property Law, Corporate Law, Family Law, Environmental Law, Health Law and International Law.</p>	<p>LAW 101 - Introduction to Canadian Law</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Law Department Law Typically Offered either term</p> <p>Description An introduction to the important principles, people, and processes of the Canadian law and legal system. The course will provide an introduction and overview of foundational subjects in Canadian law such as Indigenous Law, Constitutional Law, Criminal Law, Torts Law, Contracts Law, Property Law, Corporate Law, Family Law, Environmental Law, Health Law and International Law.</p>

	May not be used for credit in any degrees or programs offered by the Faculty of Law.
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Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date.
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OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.



Faculty (& Department or Academic Unit):	Law
Contact Person:	James Muir
Level of change: (choose one only)	<ul style="list-style-type: none"> • Undergraduate •
Type of change request: (check all that apply)	<ul style="list-style-type: none"> • Program •
For which term is this intended to take effect?	As soon as possible
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

LAW 399 is a course designed for and offered exclusively to Engineering students. However, there are no formal exclusions listed.

Calendar Copy

URL in current Calendar (or "New page")	
Current Copy: Removed language	Proposed Copy: New language
<p>LAW 399 - Introduction to Environmental Law</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Law Department Law Typically Offered second term</p> <p>Description Introduces students to the basic structure and function of the legal system. It will then focus on the way in which law is used to control environmental problems, focussing on major federal and provincial pollution licensing legislation, and the legal duties of persons working within industry. Regimes for environmental impact assessment and the use of criminal and civil enforcement mechanisms will also be included. The relationship between legal rules and</p>	<p>LAW 399 - Introduction to Environmental Law</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Law Department Law Typically Offered second term</p> <p>Description Introduces students to the basic structure and function of the legal system. It will then focus on the way in which law is used to control environmental problems, focussing on major federal and provincial pollution licensing legislation, and the legal duties of persons working within industry. Regimes for environmental impact assessment and the use of criminal and civil enforcement mechanisms will also be included. The relationship between legal rules and</p>

non-legal industry standards and voluntary initiatives may also be explored. Note: Open to students in the Civil Engineering (Environmental Option) degree program only. This course may not be taken for credit if credit has already been obtained for LAW 459.

non-legal industry standards and voluntary initiatives may also be explored. Note: Open to students in the Civil Engineering (Environmental Option) degree program only. This course may not be taken for credit if credit has already been obtained for LAW 459. May not be used for credit in any degrees or programs offered by the Faculty of Law.

Reviewed/Approved by:

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

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

Faculty (& Department or Academic Unit):	Law
Contact Person:	James Muir
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 checked="" type="checkbox"/> Regulation
For which term is this intended to take effect?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	

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

The Faculty of Law’s Curriculum Committee submitted a report. *Faculty of Law Curriculum Review: Final Report* (the “*Report*”) to Law Faculty Council on May 25, 2021. The *Report* recommended that the current requirement in Jurisprudence and Legal History be reconstituted as a requirement to take one course from a list of courses that should include those currently listed as Jurisprudence or Legal History but that shall also include courses offering diverse perspectives on the law and legal systems, including legal theory, history, justice and human rights, within one or more legal traditions. We will add the option of LAW 455 now and then remove the option of either LAW 486 or LAW 496 in the future.

The number 455 places the Legal Seminar in the same group of numbered courses as the other required courses (450, 451, 452, 453, 456).

Calendar Copy

https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42202&returnto=11336

Current Copy: **Removed language**

Proposed Copy: **New language**

<p>Upper Year Required Courses</p> <hr/> <ul style="list-style-type: none"> • LAW 450 - Administrative Law • LAW 451 - Corporations Law • LAW 452 - Civil Procedure • LAW 453 - Evidence • LAW 456 - Professionalism and Ethics <ul style="list-style-type: none"> • LAW 486 - Jurisprudence OR • LAW 496 - Legal History <ul style="list-style-type: none"> • One course in Indigenous People and the Law selected from a roster of courses approved by the Indigenous and Aboriginal Law Committee. 	<p>Upper Year Required Courses</p> <hr/> <ul style="list-style-type: none"> • LAW 450 - Administrative Law • LAW 451 - Corporations Law • LAW 452 - Civil Procedure • LAW 453 - Evidence • LAW 456 - Professionalism and Ethics <ul style="list-style-type: none"> • LAW 455 – Legal Seminar OR • LAW 486 - Jurisprudence OR • LAW 496 - Legal History <ul style="list-style-type: none"> • One course in Indigenous People and the Law selected from a roster of courses approved by the Indigenous and Aboriginal Law Committee.
<p>New Page</p>	
<p>Current Copy: Removed language</p>	<p>Proposed Copy: New language</p>
	<p>LAW455 Legal Seminar</p> <p>★ 3 (fi 6) (either term, 3-0-0)</p> <p>Legal Seminars present diverse perspectives on the law and legal systems, including topics such as jurisprudence, legal history, legal theory, justice and human rights, within one or more legal traditions. Evaluation will be based primarily on written work. Students may take multiple sections of the course with the approval of the Vice Dean.</p>

Reviewed/Approved by:

REQUIRED: Law Faculty Council, 17 May, 2022 .

OPTIONAL: n/a

Faculty (& Department or Academic Unit):	Law
Contact Person:	James Muir (jmuir1@ualberta.ca)
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?	ASAP
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

A course offered for several years as a topics course that we intend to continue offering every year. We felt a permanent number and name was preferable.

Calendar Copy

New Page	
Current Copy: Removed language	Proposed Copy: New language
	<p>LAW594 Gladue Principles Seminar</p> <p>★ 3 (fi 6) (either term, 3-0-0)</p> <p>Students in this course will develop a critical understanding of the legal, social, cultural and economic contexts for implementing Gladue principles. Topics include the relevance of individual social and historic factors, the Truth and Reconciliation Commission final report, restorative justice practices, and the relationship of Gladue principles to Indigenous laws, Indigenous healing and ceremonial processes. Students will learn how report authors prepare reports for Court. Guest lectures and</p>

	visits to Edmonton courts will be included when possible.
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Reviewed/Approved by:

REQUIRED: Law Faculty Council, 7 February, 2023

OPTIONAL: n/a

Faculty (& Department or Academic Unit):	FOMD – Laboratory Medicine and Pathology
Contact Person:	Roberta Martindale ram7@ualberta.ca Alt: Kim Thompson kathomps@ualberta.ca
Level of change: (choose one only)	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Undergraduate (x) <input type="checkbox"/> Graduate
Type of change request: (check all that apply)	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Program (x) <input type="checkbox"/> Regulation
For which term is this intended to take effect?	Errata requested for 2023-24 calendar
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes

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

2022/23 was the first year this course ran. In order to thoroughly cover the topic the workload is too great for one credit. Increasing the credit weight to 1.5 will better manage workload expectations for course content.

Calendar Copy

URL in current (2023-24 draft) Calendar (or "New page") https://ualberta.acalogadmin.com/preview/preview_program.php?catoid=39&pooid=47980&returnto=search	
Current Copy: Removed language	Proposed Copy: New language
Bachelor of Science in Medical Laboratory Science Post-Professional Certification degree completion [...]	Bachelor of Science in Medical Laboratory Science Post-Professional Certification degree completion [...]
Year 2 MLSCI 410 - Introduction to Clinical Laboratory Management MLSCI 480 - Molecular Genetic Approaches to the Study and Diagnosis of Disease Approved MLS options (9 units) 12 units chosen from MLSCI 420 - Emerging Trends in Medical Laboratory Science MLSCI 430 - Advanced Hematology MLSCI 460 - Clinical Biochemistry	Year 2 MLSCI 410 - Introduction to Clinical Laboratory Management MLSCI 480 - Molecular Genetic Approaches to the Study and Diagnosis of Disease Approved MLS options (9 units) 12 units chosen from MLSCI 420 - Emerging Trends in Medical Laboratory Science MLSCI 430 - Advanced Hematology MLSCI 460 - Clinical Biochemistry

<p>MLSCI 466 - Applied Toxicology MLSCI 470 - Diagnostic and Public Health Microbiology Laboratories MLSCI 475 - Clinical Immunology MLSCI 481 - Techniques in Molecular Biology</p> <p>MMI 415 - Advanced Virology OR MMI 426 - Medical Parasitology</p> <p>Research Project Requirement 6 units from: MLSCI 491 - Research Project OR MLSCI 409 - Research Project AND a 3-unit Science option Note 3 units in a Science option are required if a 3-unit project is completed. 0 units in a science option are required if a 6-unit project is completed.</p> <p>Advanced Laboratory Courses The Medical Laboratory Sciences division offers advanced laboratory courses for students who want to further develop their laboratory skills. These 1-unit courses can be taken extra to degree. Contact the division for more information.</p> <p>MLSCI 435 - Advanced Flow Cytometry MLSCI 461 - Advanced Mass Spectrometry</p>	<p>MLSCI 466 - Applied Toxicology MLSCI 470 - Diagnostic and Public Health Microbiology Laboratories MLSCI 475 - Clinical Immunology MLSCI 481 - Techniques in Molecular Biology</p> <p>MMI 415 - Advanced Virology OR MMI 426 - Medical Parasitology</p> <p>Research Project Requirement 6 units from: MLSCI 491 - Research Project OR MLSCI 409 - Research Project AND a 3-unit Science option Note 3 units in a Science option are required if a 3-unit project is completed. 0 units in a science option are required if a 6-unit project is completed.</p> <p>Advanced Laboratory Courses The Medical Laboratory Sciences division offers advanced laboratory courses for students who want to further develop their laboratory skills. These 1.5-unit courses can be taken extra to degree. Contact the division for more information.</p> <p>MLSCI 435 - Advanced Flow Cytometry MLSCI 461 - Advanced Mass Spectrometry</p>
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Reviewed/Approved by:

<p>FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – February 14, 2023 FoMD Faculty Council (for information/suggestions/challenges) – March 8, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	FOMD – Laboratory Medicine and Pathology
Contact Person:	Roberta Martindale ram7@ualberta.ca Alt: Kim Thompson kathomps@ualberta.ca
Level of change: (choose one only)	<ul style="list-style-type: none"> <input checked="" type="radio"/> Undergraduate (x) <input type="radio"/> Graduate
Type of change request: (check all that apply)	<ul style="list-style-type: none"> <input checked="" type="radio"/> Program (x) <input type="radio"/> Regulation
For which term is this intended to take effect?	Errata requested for 2023-24 calendar
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes

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

2022/23 was the first year this course ran. In order to thoroughly cover the topic the workload is too great for one credit. Increasing the credit weight to 1.5 will better manage workload expectations for course content.

Calendar Copy

URL in current (2023-24 draft) Calendar (or "New page") https://ualberta.acalogadmin.com/preview/preview_program.php?catoid=39&poiid=47889&returnto=search	
Current Copy: Removed language	Proposed Copy: New language
Bachelor of Science in Medical Laboratory Science [...] Year 4 MLSCI 410 - Introduction to Clinical Laboratory Management MLSCI 480 - Molecular Genetic Approaches to the Study and Diagnosis of Disease Arts option (3 units) 15 units chosen from Approved MLS option (3 units) (See Note 2) MLSCI 420 - Emerging Trends in Medical Laboratory Science MLSCI 430 - Advanced Hematology MLSCI 460 - Clinical Biochemistry	Bachelor of Science in Medical Laboratory Science [...] Year 4 MLSCI 410 - Introduction to Clinical Laboratory Management MLSCI 480 - Molecular Genetic Approaches to the Study and Diagnosis of Disease Arts option (3 units) 15 units chosen from Approved MLS option (3 units) (See Note 2) MLSCI 420 - Emerging Trends in Medical Laboratory Science MLSCI 430 - Advanced Hematology MLSCI 460 - Clinical Biochemistry

<p>MLSCI 466 - Applied Toxicology MLSCI 470 - Diagnostic and Public Health Microbiology Laboratories MLSCI 475 - Clinical Immunology MLSCI 481 - Techniques in Molecular Biology</p> <p>MMI 415 - Advanced Virology OR MMI 426 - Medical Parasitology Research Project Requirement 6 units from: (See Note 3) MLSCI 491 - Research Project OR MLSCI 409 - Research Project AND a 3-unit Science option</p> <p>Notes During the Year Three clinical rotation, students are assigned to hospital laboratories approved for this purpose by the Council of the Faculty of Medicine and Dentistry. Transfer credit may be considered for a second MLS option in Year 4. Contact the division for more information. 3 units in a Science option are required if a 3-unit project is completed. 0 units in a science option are required if a 6-unit project is completed.</p> <p>Advanced Laboratory Courses The Division of Medical Laboratory Science offers advanced laboratory courses for students who want to further develop their laboratory skills. These 1-unit courses can be taken extra to degree. Contact the Division for more information.</p> <p>MLSCI 435 - Advanced Flow Cytometry MLSCI 461 - Advanced Mass Spectrometry</p>	<p>MLSCI 466 - Applied Toxicology MLSCI 470 - Diagnostic and Public Health Microbiology Laboratories MLSCI 475 - Clinical Immunology MLSCI 481 - Techniques in Molecular Biology</p> <p>MMI 415 - Advanced Virology OR MMI 426 - Medical Parasitology</p> <p>Research Project Requirement 6 units from: (See Note 3) MLSCI 491 - Research Project OR MLSCI 409 - Research Project AND a 3-unit Science option</p> <p>Notes During the Year Three clinical rotation, students are assigned to hospital laboratories approved for this purpose by the Council of the Faculty of Medicine and Dentistry. Transfer credit may be considered for a second MLS option in Year 4. Contact the division for more information. 3 units in a Science option are required if a 3-unit project is completed. 0 units in a science option are required if a 6-unit project is completed.</p> <p>Advanced Laboratory Courses The Division of Medical Laboratory Science offers advanced laboratory courses for students who want to further develop their laboratory skills. These 1.5-unit courses can be taken extra to degree. Contact the Division for more information.</p> <p>MLSCI 435 - Advanced Flow Cytometry MLSCI 461 - Advanced Mass Spectrometry</p>
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Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – February 14, 2023 FoMD Faculty Council (for information/suggestions/challenges) – March 8, 2023
OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

Faculty (& Department or Academic Unit):	FOMD – Laboratory Medicine and Pathology – Medical Laboratory Science
Contact Person:	Roberta Martindale ram7@ualberta.ca Alt: Kim Thompson kathomps@ualberta.ca
Level of change: (choose one only) [?]	<ul style="list-style-type: none"> <input checked="" type="radio"/> Undergraduate (x) <input type="radio"/> Graduate
For which term will this change take effect?	Errata requested for 2023-24 calendar

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

2022/23 was the first year this course ran. In order to thoroughly cover the topic the workload is too great for one credit. Increasing the credit weight to 1.5 will better manage workload expectations for course content.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number MLSCI 435</p> <p>Title Advanced Flow Cytometry</p> <p>Course Career Undergraduate</p> <p>Units 1</p> <p>Approved Hours Variable</p> <p>Fee index 2</p> <p>Faculty Medicine and Dentistry</p> <p>Department Medical Laboratory Science</p> <p>Typically Offered either term</p> <p>Description Topics covered will include advanced flow cytometer principles, staining principles, instrument maintenance, quality control, and data analysis. Emphasis on the use/applications of flow cytometry in clinical environments. This course is designed for senior undergraduate students. Credit may only be obtained in one of MLSCI 435 or LABMP 536.</p>	<p>Subject & Number MLSCI 435</p> <p>Title Advanced Flow Cytometry</p> <p>Course Career Undergraduate</p> <p>Units 1.5</p> <p>Approved Hours Variable</p> <p>Fee index 2</p> <p>Faculty Medicine and Dentistry</p> <p>Department Medical Laboratory Science</p> <p>Typically Offered either term</p> <p>Description Topics covered will include advanced flow cytometer principles, staining principles, instrument maintenance, quality control, and data analysis. Emphasis on the use/applications of flow cytometry in clinical environments. This course is designed for senior undergraduate students. Credit may only be obtained in one of MLSCI 435 or LABMP 536.</p>

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – February 14, 2023
FoMD Faculty Council (for information/suggestions/challenges) – March 8, 2023

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

Faculty (& Department or Academic Unit):	FOMD – Laboratory Medicine and Pathology – Medical Laboratory Science
Contact Person:	Roberta Martindale ram7@ualberta.ca Alt: Kim Thompson kathomps@ualberta.ca
Level of change: (choose one only) [?]	<ul style="list-style-type: none"> • Undergraduate (x) • Graduate
For which term will this change take effect?	Errata requested for 2023-24 calendar

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

2022/23 was the first year this course ran. In order to thoroughly cover the topic the workload is too great for one credit. Increasing the credit weight to 1.5 will better manage workload expectations for course content.

Course Template

Current: Removed language	Proposed: New language
<p>Subject & Number MLSCI 461</p> <p>Title Advanced Mass Spectrometry</p> <p>Course Career Undergraduate</p> <p>Units 1</p> <p>Approved Hours Variable</p> <p>Fee index 2</p> <p>Faculty Medicine and Dentistry</p> <p>Department Medical Laboratory Science</p> <p>Typically Offered either term</p> <p>Description Topics covered will include advanced mass spectrometry principles, sample preparation instrument maintenance, quality control, and data analysis. Qualitative, quantitative and clinical applications of mass spectrometry will be covered. Emphasis on the use/applications mass spectrometry in clinical environments. This course is designed for senior undergraduate students. Credit may only be obtained in one of MLSCI 461 or LABMP 561.</p>	<p>Subject & Number MLSCI 461</p> <p>Title Advanced Mass Spectrometry</p> <p>Course Career Undergraduate</p> <p>Units 1.5</p> <p>Approved Hours Variable</p> <p>Fee index 2</p> <p>Faculty Medicine and Dentistry</p> <p>Department Medical Laboratory Science</p> <p>Typically Offered either term</p> <p>Description Topics covered will include advanced mass spectrometry principles, sample preparation instrument maintenance, quality control, and data analysis. Qualitative, quantitative and clinical applications of mass spectrometry will be covered. Emphasis on the use/applications mass spectrometry in clinical environments. This course is designed for senior undergraduate students. Credit may only be obtained in one of MLSCI 461 or LABMP 561.</p>

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – February 14, 2023
FoMD Faculty Council (for information/suggestions/challenges) – March 8, 2023

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

Faculty (& Department or Academic Unit):	FoMD/Cell Biology
Contact Person:	Gary Eitzen/Kim Sawada
Level of change: (choose one only) [?]	<ul style="list-style-type: none"> • Undergraduate •
For which term will this change take effect?	Fall 2023 and Winter 2024/Spring/Summer 2024

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

Updating the course descriptions and streamlining the enrollment process.

Course Template

Current: Removed language	Proposed: New language
<p>CELL 398 Research Project</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 0-0-9 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered either term</p> <p>Description Directed research carried out in a laboratory of a member participating in the Cell Biology Program. Credit may be obtained for this course only once. Successful completion requires a written report on the research project. Normally for students in their third year of study. Prerequisite: any 300-level Science course, CELL 300 recommended, and the consent of the Cell Biology Associate Chair, Undergraduate Studies. Closed to web registration.</p>	<p>CELL 398 Research Project</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 0-0-9 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered either term</p> <p>Description Directed research carried out in a laboratory of a member participating in the Cell Biology Program. Credit may be obtained for this course only once. Successful completion requires laboratory skills training and a written report on the research project. Normally for students in their third year of study. Pre-or co-prerequisite: any 300-level Science course, CELL 300 recommended, and the consent of the course coordinator.</p>
<p>CELL 498 Research Project</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 0-0-9 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered either term</p>	<p>CELL 498 Research Project</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 0-0-9 Fee index 6 Faculty Medicine and Dentistry Department Cell Biology Typically Offered either term</p>

<p>Directed research carried out in a laboratory of an assigned member participating in the Cell Biology Program. Credit may be obtained for this course more than once. Successful completion requires a written report on the research project. Prerequisites: A 300-level CELL, Biological Sciences, or Biochemistry course and the consent of the Cell Biology Associate Chair, Undergraduate Studies. Closed to web registration.</p>	<p>Description Directed research carried out in a laboratory of an assigned member participating in the Cell Biology Program. Credit may be obtained for this course more than once. Successful completion requires application of laboratory skills and a written report on the research project. Prerequisites: A 300-level CELL, Biological Sciences, or Biochemistry course and the consent of the course coordinator.</p>
<p>CELL 499 Research Project</p> <hr/> <p>Course Career Undergraduate Units 6 Approved Hours 0-0-9 Fee index 12 Faculty Medicine and Dentistry Department Cell Biology Typically Offered two term</p> <p>Description Directed research carried out in a laboratory of a member participating in the Cell Biology Program. The project normally continues through Fall and Winter Terms. Successful completion of this course requires a written report and oral presentation on the research project. Prerequisite: A 300-level CELL, Biological Sciences, or Biochemistry course and consent of the Cell Biology Associate Chair, Undergraduate Studies. Closed to web registration.</p>	<p>CELL 499 Research Project</p> <hr/> <p>Course Career Undergraduate Units 6 Approved Hours 0-0-9 Fee index 12 Faculty Medicine and Dentistry Department Cell Biology Typically Offered two term</p> <p>Description Directed research carried out in a laboratory of a member participating in the Cell Biology Program. The project normally continues through Fall and Winter Terms. Successful completion of this course requires application of laboratory skills, a written report and an oral presentation on the research project. Prerequisite: A 300-level CELL, Biological Sciences, or Biochemistry course and consent of the course coordinator.</p>

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – March 8, 2023
 FoMD Faculty Council (for information/suggestions/challenges) –

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

Faculty (& Department or Academic Unit):	FoMD - Surgery
Contact Person:	Dr. Fred Berry
Level of change: (choose one only) [?]	• Undergraduate
	• 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

Due to not meeting the minimum student registration requirement, we have not been able to run the SURG 570 From Basic to Clinical Immunology course since the 2015-2016 Academic Year. The Department of Surgery would like to delete this course as they will no longer be offering it.

Course Template

Current: Removed language	Proposed: New language
<p>SURG 570 - From Basic to Clinical Immunology</p> <p>Course Career Graduate Units 3 Approved Hours 1-0-0 Fee index 6 Faculty Medicine and Dentistry Department Surgery Typically Offered two term</p> <p>Description This course will begin with the fundamentals of basic immunology to provide the basis for understanding subsequent clinical immunology lectures. Invited basic science and clinical professionals will also give a lecture on the application of immunology in clinical fields such as transplantation, immunodeficiency, and cancer, followed by a full class discussion. Topics will include: innate and acquired immunity, autoimmunity, transplantation immunology, immunodeficiency, hypersensitivity, tumor immunology, immunochemistry and vaccines. Common and new techniques used in Basic and Clinical Immunology research will also be covered. Intended for students with an advanced medical background. Prerequisite: consent of the Department.</p>	<p>Course Deletion</p>

Reviewed/Approved by:

FoMD Faculty Learning Committee (Faculty Council-delegated Approver) – March 22, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only)	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
Type of change request: (check all that apply)	<input type="checkbox"/> Program
	<input checked="" type="checkbox"/> Regulation
For which term is this intended to take effect?	Fall 2023
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No.

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

BScN—Collaborative Program - The Student Advisor from the Department of English and Film Studies advised that ENGL 150 does not fulfill the English requirement. This course does not focus on developing writing skills in the same way as other 100-Level ENGL and WRS courses do.

Additional Information for Students - There was a curriculum change and students admitted prior to Fall 2017 would have been following the previous curriculum and should have graduated out by now.

These changes were requested in a previous calendar change:

<https://docs.google.com/document/d/1sSru2lv5XmoHXOrCcGHQtpISnMDOddih/edit>

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=34&poid=38763&returnto=10272	
Current Copy: Removed language	Proposed Copy: New language
Year 1 (see Note 1) _____ Fall Term _____	Year 1 (see Note 1) _____ Fall Term _____

- ENGL (3 units) **OR** WRS (3 units) (see Note 2)

Additional Information for Students

Students ~~admitted prior to Fall 2017~~ will follow the course sequence outlined in the Calendar of the year they were admitted.

- ENGL (★3) OR WRS (★3) (see Note 2) - must complete ENGL prior to commencing Year 4. Credit in ENGL 150 does not fulfill the English requirement for Nursing.

Additional Information for Students

Students **must** follow the course sequence outlined in the Calendar of the year they were admitted to **unless notified by the Faculty of Nursing of a necessary course sequence change related to program approval requirements.**

Reviewed/Approved by:

Approved (see previous calendar change form, linked above):
UCC: 5 October 2021
Faculty Caucus: 20 October 2021
Executive Committee: 26 October 2021

REQUIRED:
PST deadline: April 20, 2023
PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only)	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
Type of change request: (check all that apply)	<input type="checkbox"/> Program
	<input checked="" type="checkbox"/> Regulation
For which term is this intended to take effect?	Fall 2023
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No.

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

Graduation Requirements 1. - last *60 taken at U of A was always the policy. We propose to add this to the Calendar to be more transparent.

Graduation Requirements 2. - last *60 taken at U of A was always the policy. We propose to add this to the Calendar to be more transparent.

These changes were requested in a previous calendar change:

https://docs.google.com/document/d/1Kgbua_C9W2zEuGMuC20CoEDmQyR4gZ1_/edit

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=39&poide=48054&returnto=12343	
Current Copy: Removed language	Proposed Copy: New language
<h1>Graduation Requirements</h1> <hr/> <p>1. Graduation with Honors requires a GPA of 3.0 on the last 60 units of</p>	<h1>Graduation Requirements</h1> <hr/> <p>1. Graduation with Honors requires a GPA of 3.0 on the last 60 units of</p>

<p>course weight. Students who are not recommended for graduation with Honors at the end of their program may be granted the BScN degree if they meet the minimum requirements for this degree (see Bachelor of Science in Nursing - Collaborative and Bachelor of Science in Nursing - After Degree).</p> <p>2. Graduation with First-Class Honors: Graduation with First-Class Honors requires a GPA of 3.5 or higher on the last 60 units of course weight taken for credit toward the degree and that no failing grades are incurred throughout the program.</p>	<p>course weight taken at University of Alberta. Students who are not recommended for graduation with Honors at the end of their program may be granted the BScN degree if they meet the minimum requirements for this degree (see Bachelor of Science in Nursing - Collaborative and Bachelor of Science in Nursing - After Degree).</p> <p>2. Graduation with First-Class Honors: Graduation with First-Class Honors requires a GPA of 3.5 or higher on the last 60 units of course weight taken at University of Alberta for credit toward the degree and that no failing grades are incurred throughout the program.</p>
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Reviewed/Approved by:

<p>Approved (see previous calendar change form, linked above): UCC: 5 October 2021 Faculty Caucus: 20 October 2021 Executive Committee: 26 October 2021</p> <p>REQUIRED: PST deadline: March 16, 2023 PST meeting: March 30, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> NURS 123 <input checked="" type="checkbox"/> NURS 205 course change <input checked="" type="checkbox"/> NURS 322 and NURS 432 <input checked="" type="checkbox"/> NURS 400 deletion

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

Updated Course Sequence to match course and program changes

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=39&poid=47970&returnto=12343	
Current Copy: Removed language	Proposed Copy: New language
<h2>Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration):</p> <h3>Year 1 (see Note 1)</h3> <hr/>	<h2>Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration):</p> <h3>Year 1 (see Note 1)</h3> <hr/>

Fall Term

- [NURS 311 - Evidence Informed Nursing Practice](#)
- [NURS 316 - Pathophysiology and Pharmacology I](#)
- [NURS 330 - Foundations for Success in Nursing](#)
- [NURS 334 - Foundations of Nursing I](#)
- [NURS 335 - Nursing Practice - Health Assessment](#)

Winter Term

- [INT D 222 - Indigenous Health in Canada](#)
- [NURS 344 - Foundations of Nursing II](#)
- [NURS 345 - Introductory Acute Care Nursing Practice](#)
- [NURS 416 - Pathophysiology and Pharmacology II](#)

Spring/Summer

- [NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations](#)
- [NURS 431 - Advanced Acute Care Nursing Practice I](#)
- [NURS 433 - Community Nursing Through the Lifespan](#) **OR**
- [NURS 437 - Mental Health and Wellness in Nursing](#)

Fall Term

- [NURS 311 - Evidence Informed Nursing Practice](#)
- [NURS 316 - Pathophysiology and Pharmacology I](#)
- [NURS 330 - Foundations for Success in Nursing](#)
- [NURS 334 - Foundations of Nursing I](#)
- [NURS 335 - Nursing Practice - Health Assessment](#)

Winter Term

- [INT D 222 - Indigenous Health in Canada](#)
- [NURS 344 - Foundations of Nursing II](#)
- [NURS 345 - Introductory Acute Care Nursing Practice](#)
- [NURS 416 - Pathophysiology and Pharmacology II](#)

Spring/Summer

- [NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations](#)
- [NURS 431 - Advanced Acute Care Nursing Practice I](#)

Year 2 (see Note 1)

Fall Term

- ~~NURS 400 – Leadership in Nursing and Interprofessional Practice~~
- NURS 435 - Advanced Acute Care Nursing Practice II
- NURS 433 - Community Nursing Through the Lifespan
- **OR**
- NURS 437 - Mental Health and Wellness in Nursing

Winter Term (see Note 2)

- NURS 485 - Nursing Practice in a Focused Area

Spring/Summer (see Note 2)

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

One of (see note 4):

- NURS 433 - Community Nursing Through the Lifespan **AND**
- NURS 432 - Maternal/Child Nursing Practice

OR

- NURS 437 - Mental Health and Wellness in Nursing

Year 2 (see Notes 1 and 3)

Fall Term

- 2 units in Interprofessional Initiatives; see Note 10.
- NURS 435 - Advanced Acute Care Nursing Practice II

One of (see note 4):

- NURS 433 - Community Nursing Through the Lifespan **AND**
- NURS 432 - Maternal/Child Nursing Practice

OR

- NURS 437 - Mental Health and Wellness in Nursing

Winter Term (see Note 2)

- [NURS 425 - Nursing Leadership in a Focus Area](#)

Notes

1. Courses may be configured differently depending on clinical placement availability.
2. [NURS 485](#) may be offered in Spring/Summer of Year 2. In this case, students would take [NURS 422](#) and [NURS 425](#) in Winter Term.

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

Spring/Summer (see Note 2)

- [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. [NURS 485](#) may be offered in Spring/Summer of Year 2. In this case, students would take [NURS 422](#) and [NURS 425](#) in Winter Term.
3. Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D) courses. Contact the Nursing Faculty office for more information.
4. Students must register for [NURS 433](#), [432](#), and [437](#) over the Spring/Summer and Fall Terms. [NURS 433](#) and [NURS 432](#) must be taken in the same term, and not in the same term as [437](#).

Reviewed/Approved by:

Approved:

UCC: March 23, 2023

Faculty Caucus: March 28, 2023

Executive Committee: April 11, 2023

Required:

PST deadline: April 20, 2023

PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: <input type="checkbox"/> NURS 123 <input type="checkbox"/> NURS 205 course change <input type="checkbox"/> NURS 322 and NURS 432 <input type="checkbox"/> NURS 400 deletion

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

Updated Course Sequence to match course and program changes

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=39&poid=47345&returnto=12343	
Current Copy: Removed language	Proposed Copy: New language
<h2 style="text-align: center;">Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <h2 style="text-align: center;">Year 1</h2> <hr/>	<h2 style="text-align: center;">Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <h2 style="text-align: center;">Year 1</h2> <hr/>

Fall Term

- [ANATE 140 - Anatomie](#)
- [FRANC 224 - Maîtrise du français pour les sciences infirmières](#)
- [MICRE 133 - Microbiologie Médicale pour Infirmières](#)
- [SC INF 110 - Fondements du succès en soins infirmiers](#)
- [SOCIE 100 - Introduction à la sociologie](#)

Fall/Winter

- [PHYSE 152 - Physiologie](#)

Winter Term

- [ANGL 126 - Exploring Writing Studies](#)
- [NURS 125 - Nursing Practice - Health Assessment](#)
- [PSYCE 106 - Principes psychologiques pour les infirmières](#)
- [STATQ 151 - Introduction à la statistique appliquée I](#)

Spring/Summer

- [FRANC 232 - Techniques de rédaction](#) **OR**
- ANGL (3 units) **OR**
- Elective (3 units) (see Note 1)

Fall Term

- [ANATE 140 - Anatomie](#)
- [FRANC 224 - Maîtrise du français pour les sciences infirmières](#)
- [MICRE 133 - Microbiologie Médicale pour Infirmières](#)
- [SC INF 110 - Fondements du succès en soins infirmiers](#)
- [SOCIE 100 - Introduction à la sociologie](#)

Fall/Winter

- [PHYSE 152 - Physiologie](#)

Winter Term

- [ANGL 126 - Exploring Writing Studies](#)
- [NURS 125 - Nursing Practice - Health Assessment](#)
- [PSYCE 106 - Principes psychologiques pour les infirmières](#)
- [STATQ 151 - Introduction à la statistique appliquée I](#)

Spring/Summer

- [FRANC 232 - Techniques de rédaction](#) **OR**
- ANGL (3 units) **OR**
- Elective (3 units) (see Note 1)

Year 2 (see Notes 2 and 3)

Fall Term

- [SC INF 205 - L'innovation, le leadership, les politiques et les organisations de soins de santé](#)
- [SC INF 221 - Introduction à la pratique infirmière](#)
- [SC INF 223 - Les fondations des sciences infirmières I/II](#)

Two Term

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

Winter Term

- [NURS 224 - Foundations of Nursing III](#)
- [NURS 225 - Introduction to Acute Care Nursing Practice](#)
- [SC INF 301 - Recherche en sciences infirmières](#)

Spring/Summer

Year 2 (see Notes 2 and 3)

Fall Term

- [SC INF 205 - L'innovation, le leadership, les politiques et les organisations de soins de santé](#)
- [SC INF 221 - Introduction à la pratique infirmière](#)
- [SC INF 223 - Les fondations des sciences infirmières I/II](#)

Two Term

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

Winter Term

- [NURS 224 - Foundations of Nursing III](#)
- [NURS 225 - Introduction to Acute Care Nursing Practice](#)
- [SC INF 301 - Recherche en sciences infirmières](#)

Spring/Summer

<ul style="list-style-type: none"> • <u>SCSOC 222 - Santé des Autochtones et conceptions du bien-vivre</u> <p>Year 3 (see Notes 3, 4 and 5)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> • <u>NURS 321 - Advanced Acute Care Nursing Practice I</u> • <u>NURS 323 - Community Nursing through the Lifespan</u> • <u>SC PO 320 - La politique du système de santé au Canada</u> (see Note 6) <p>Winter Term</p> <hr/> <ul style="list-style-type: none"> • <u>NURS 325 - Advanced Acute Care Nursing Practice II</u> • <u>NURS 327 - Mental Health and Wellness in Nursing</u> (see Note 7) OR • <u>SC INF 327 - Santé mentale et bien-être en soins infirmiers</u> • <u>NURS 400 - Leadership in Nursing and Interprofessional Practice</u> 	<ul style="list-style-type: none"> • <u>SCSOC 222 - Santé des Autochtones et conceptions du bien-vivre</u> <p>Year 3 (see Notes 3, 4, 5, and 10)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> • <u>NURS 321 - Advanced Acute Care Nursing Practice I</u> • <u>NURS 323 - Community Nursing through the Lifespan</u> • <u>NURS 322 - Maternal/Child Nursing Practice</u> • <u>SC PO 320 - La politique du système de santé au Canada</u> (see Note 6) <p>Winter Term</p> <hr/> <ul style="list-style-type: none"> • <u>NURS 325 - Advanced Acute Care Nursing Practice II</u> • <u>NURS 327 - Mental Health and Wellness in Nursing</u> (see Note 7) OR • <u>SC INF 327 - Santé mentale et bien-être en soins infirmiers</u> • <u>2 units in Interprofessional Initiatives; see Note 10.</u> <p>Year 4 (see Notes 3, 4 and 8)</p> <hr/>
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Year 4 (see Notes 3, 4 and 8)

Fall Term

[NURS 485 - Nursing Practice in a Focused Area](#)
(see Note 9)

Winter Term

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [PHILE 386 - La bioéthique](#) (see Note 6)
- [SC INF 425 - Le leadership en sciences infirmières dans un domaine spécifique](#)

Notes

1. The language of instruction of electives must be French and electives are normally taken at Faculté Saint-Jean.
2. To proceed to Year 2 students must have passed all Year 1 courses.
3. "SC INF" denotes nursing courses where French is the primary language of instruction.

Fall Term

[NURS 485 - Nursing Practice in a Focused Area](#)
(see Note 9)

Winter Term

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [PHILE 386 - La bioéthique](#) (see Note 6)
- [SC INF 425 - Le leadership en sciences infirmières dans un domaine spécifique](#)

Notes

1. The language of instruction of electives must be French and electives are normally taken at Faculté Saint-Jean.
2. To proceed to Year 2 students must have passed all Year 1 courses.
3. "SC INF" denotes nursing courses where French is the primary language of instruction.
4. Courses may be configured differently depending on clinical placement availability.
5. To proceed to Year 3 students must have passed all Year 2 courses.
6. The Faculty of Nursing will determine which course students will take.

<ol style="list-style-type: none"> 4. Courses may be configured differently depending on clinical placement availability. 5. To proceed to Year 3 students must have passed all Year 2 courses. 6. The Faculty of Nursing will determine which course students will take. 7. The Faculty of Nursing will offer this course in French whenever possible. When offered, students in the Bilingual Nursing Program must take this course in French. 8. To proceed to Year 4, students must have passed all Year 2 and 3 courses. 9. Based on academic and clinical performance, and on availability of placements, students may elect to complete the senior practicum in a bilingual or francophone milieu outside of Edmonton. 	<ol style="list-style-type: none"> 7. The Faculty of Nursing will offer this course in French whenever possible. When offered, students in the Bilingual Nursing Program must take this course in French. 8. To proceed to Year 4, students must have passed all Year 2 and 3 courses. 9. Based on academic and clinical performance, and on availability of placements, students may elect to complete the senior practicum in a bilingual or francophone milieu outside of Edmonton. 10. Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D) courses. Contact the Nursing Faculty office for more information.
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> NURS 123 <input checked="" type="checkbox"/> NURS 205 course change <input checked="" type="checkbox"/> NURS 322 and NURS 432 <input checked="" type="checkbox"/> NURS 400 deletion

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

Updated Course Sequence to match course and program changes

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=39&poid=47958&returnto=12343	
Current Copy: Removed language	Proposed Copy: New language
<h2>Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <h3>Year 1 (see Note 1)</h3> <hr/>	<h2>Course Sequence</h2> <hr/> <p>As of September 2022 at University of Alberta (see Maintaining Registration)</p> <h3>Year 1 (see Note 1)</h3> <hr/>

Fall Term

- 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

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

- 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

Winter Term

- NURS 116 - Pathophysiology and Pharmacology I
- NURS 124 - Foundations of Nursing I
- NURS 125 - Nursing Practice - Health Assessment
- NURS 123 - Health and Wellness Across the Lifespan

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/Summer

- Open Elective (3 units) (See Note 5)

Year 3 (see Notes 1 and 6)

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

- Open Elective (3 units) (See Note 5)

Year 3 (see Notes 1, 6, and 10)

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)

Fall Term

- NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations Course Career Undergraduate
- NURS 321 - Advanced Acute Care Nursing Practice I

One of (see note 11):

- NURS 323 - Community Nursing through the Lifespan **AND**
- NURS 322 - Maternal/Child Nursing Practice

OR

- NURS 327 - Mental Health and Wellness in Nursing

Winter Term

- NURS 325 - Advanced Acute Care Nursing Practice II
- 2 units in Interprofessional Initiatives; see Note 10.

One of (see note 11):

- NURS 323 - Community Nursing through the Lifespan **AND**
- NURS 322 - Maternal/Child Nursing Practice

OR

- NURS 327 - Mental Health and Wellness in Nursing

<hr/> <ul style="list-style-type: none"> • NURS 485 - Nursing Practice in a Focused Area <p>Winter Term (see Note 8)</p> <hr/>	<p>Year 4 (see Notes 1 and 7)</p> <hr/> <p>Fall Term (see Note 8)</p> <hr/>
<ul style="list-style-type: none"> • 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 <p>Course Sequence - Fast Track Program (see Note 9)</p> <hr/>	<ul style="list-style-type: none"> • NURS 485 - Nursing Practice in a Focused Area <p>Winter Term (see Note 8)</p> <hr/>
<p>Year 1 (see Note 1)</p> <hr/> <p>Fall Term</p> <hr/>	<ul style="list-style-type: none"> • 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 <p>Course Sequence - Fast Track Program (see Note 9)</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 	<p>Year 1 (see Note 1)</p> <hr/> <p>Fall Term</p> <hr/>

- [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

- 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](#)

Winter Term

- [NURS 116 - Pathophysiology and Pharmacology I](#)
- [NURS 124 - Foundations of Nursing I](#)
- [NURS 125 - Nursing Practice - Health Assessment](#)
- [NURS 123 - Health and Wellness Across the Lifespan](#)

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 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 205 - Innovation, Leadership, Policy, and Health Care Organizations Course Career Undergraduate](#)

Spring Term

-
- [NURS 321 - Advanced Acute Care Nursing Practice I](#)

Summer Term

One of (see note 11):

- NURS 323 - Community Nursing through the Lifespan **AND**
- NURS 322 - Maternal/Child Nursing Practice

OR

- NURS 327 - Mental Health and Wellness in Nursing

Year 3 (see Note 1 and 7)

Fall Term

- NURS 325 - Advanced Acute Care Nursing Practice II
- **2 units in Interprofessional Initiatives; see Note 10.**

One of (see note 11):

- NURS 323 - Community Nursing through the Lifespan **AND**
- NURS 322 - Maternal/Child Nursing Practice

OR

- NURS 327 - Mental Health and Wellness in Nursing

Winter Term (see Note 8)

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

Year 3 (see Note 1 and 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

- [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

<p>successfully completed all courses listed in Years 1 and 2.</p> <p>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.</p> <p>8. NURS 485 and NURS 422, NURS 425, INT D 420 may be taken in reverse order if offered.</p> <p>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).</p>	<p>successfully completed all courses listed in Years 1 and 2.</p> <p>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.</p> <p>8. NURS 485 and NURS 422, NURS 425, INT D 420 may be taken in reverse order if offered.</p> <p>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).</p> <p>10. Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D) courses. Contact the Nursing Faculty office for more information.</p> <p>11. Students must register for NURS 323, 322, and 327 over the Fall and Winter Terms. NURS 323 and NURS 322 must be taken in the same term, and not in the same term as 327.</p>
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Reviewed/Approved by:

Approved:

UCC: March 23, 2023

Faculty Caucus: March 28, 2023

Executive Committee: April 11, 2023

Required:

PST deadline: April 20, 2023

PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: <input type="checkbox"/> NURS 123 <input type="checkbox"/> NURS 205 course change <input type="checkbox"/> NURS 322 and NURS 432 <input type="checkbox"/> NURS 400 deletion

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

Updated Course Sequence to match course and program changes

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/preview_program.php?catoid=39&poid=48054&returnto=12343	
Current Copy: Removed language	Proposed Copy: New language
<h2 style="text-align: center;">Course Sequence</h2> <hr style="width: 50%; margin: 10px auto;"/> <p style="font-size: 1.2em;">Course sequence for students transferring from the</p>	<h2 style="text-align: center;">Course Sequence</h2> <hr style="width: 50%; margin: 10px auto;"/> <p style="font-size: 1.2em;">Course sequence for students transferring from the</p>

BScN—Collaborative Program:

As of September 2022 at University of Alberta (see [Maintaining Registration](#))

Note: Students will follow the course sequence for the BScN—Collaborative Program in Year 1 and Year 2.

Year 3 (see Note 1)

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](#) (see Note 2)

Two Term

BScN—Collaborative Program:

As of September 2022 at University of Alberta (see [Maintaining Registration](#))

Note: Students will follow the course sequence for the BScN—Collaborative Program in Year 1 and Year 2.

Year 3 (see Notes 1, 5, and 6)

Fall Term

- [NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations Course Career Undergraduate](#)
- [NURS 321 - Advanced Acute Care Nursing Practice I](#)
- **One of (see note 6):**
- [NURS 323 - Community Nursing through the Lifespan](#) **AND**
- [NURS 322 - Maternal/Child Nursing Practice](#)
- OR**
- [NURS 327 - Mental Health and Wellness in Nursing](#) (see Note 2)

Two Term

<hr/> <ul style="list-style-type: none"> ● <u>NURS 399 - Selected Topics in Nursing Research</u> <p>Winter Term</p> <hr/>	<hr/> <ul style="list-style-type: none"> ● <u>NURS 399 - Selected Topics in Nursing Research</u> <p>Winter Term</p> <hr/>
<ul style="list-style-type: none"> ● <u>NURS 325 - Advanced Acute Care Nursing Practice II</u> ● <u>NURS 327 - Mental Health and Wellness in Nursing</u> OR ● <u>NURS 323 - Community Nursing through the Lifespan</u> (see Note 2) ● <u>NURS 400 - Leadership in Nursing and Interprofessional Practice</u> <p>Year 4 (see Notes 1 and 3)</p> <hr/>	<ul style="list-style-type: none"> ● <u>NURS 325 - Advanced Acute Care Nursing Practice II</u> ● 2 units in Interprofessional Initiatives; see Note 5. ● One of (see note 6): ● <u>NURS 323 - Community Nursing through the Lifespan</u> AND ● <u>NURS 322 - Maternal/Child Nursing Practice</u> <p>OR</p> <ul style="list-style-type: none"> ● <u>NURS 327 - Mental Health and Wellness in Nursing</u> (see Note 2) <p>Year 4 (see Notes 1 and 3)</p> <hr/>
<p>Fall Term</p> <hr/> <ul style="list-style-type: none"> ● <u>INT D 420 - Perspectives on Inclusive and Global Health</u> ● <u>NURS 422 - Contemporary Issues in Healthcare Ethics and Law</u> ● <u>NURS 425 - Nursing Leadership in a Focus Area</u> ● <u>NURS 499 - Scholarly Project in Nursing</u> (see Note 4) 	<p>Fall Term</p> <hr/> <ul style="list-style-type: none"> ● <u>INT D 420 - Perspectives on Inclusive and Global Health</u> ● <u>NURS 422 - Contemporary Issues in Healthcare Ethics and Law</u> ● <u>NURS 425 - Nursing Leadership in a Focus Area</u> ● <u>NURS 499 - Scholarly Project in Nursing</u> (see Note 4)

Winter Term

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

Notes

1. Courses may be configured differently depending on clinical placement availability.
2. The Faculty of Nursing will determine which course students will take.
3. To proceed to Year 4, students must have successfully completed all courses listed in Years 1, 2, and 3.
4. All [NURS 499](#) requirements must be completed prior to Winter Term of Year 4.

Course Sequence for After Degree Students:

Note: The BScN—Honors Program is only offered in Edmonton.

Winter Term

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

Notes

1. Courses may be configured differently depending on clinical placement availability.
2. The Faculty of Nursing will determine which course students will take.
3. To proceed to Year 4, students must have successfully completed all courses listed in Years 1, 2, and 3.
4. All [NURS 499](#) requirements must be completed prior to Winter Term of Year 4.
5. Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D) courses. Contact the Nursing Faculty office for more information.
6. Students must register for NURS 323, 322, and 327 over the Fall and Winter Terms. NURS 323 and NURS 322 must be taken in the same term, and not in the same term as 327.

Course Sequence for After Degree Students:

Note: The BScN—Honors Program is only offered in Edmonton.

Year 1 (see Note 1)

Fall Term

- [NURS 311 - Evidence Informed Nursing Practice](#)
- [NURS 316 - Pathophysiology and Pharmacology I](#)
- [NURS 330 - Foundations for Success in Nursing](#)
- [NURS 334 - Foundations of Nursing I](#)
- [NURS 335 - Nursing Practice - Health Assessment](#)

Two Term

- [NURS 399 - Selected Topics in Nursing Research](#)

Winter Term

- [INT D 222 - Indigenous Health in Canada](#)
- [NURS 344 - Foundations of Nursing II](#)
- [NURS 345 - Introductory Acute Care Nursing Practice](#)
- [NURS 416 - Pathophysiology and Pharmacology II](#)

Year 1 (see Note 1)

Fall Term

- [NURS 311 - Evidence Informed Nursing Practice](#)
- [NURS 316 - Pathophysiology and Pharmacology I](#)
- [NURS 330 - Foundations for Success in Nursing](#)
- [NURS 334 - Foundations of Nursing I](#)
- [NURS 335 - Nursing Practice - Health Assessment](#)

Two Term

- [NURS 399 - Selected Topics in Nursing Research](#)

Winter Term

- [INT D 222 - Indigenous Health in Canada](#)
- [NURS 344 - Foundations of Nursing II](#)
- [NURS 345 - Introductory Acute Care Nursing Practice](#)
- [NURS 416 - Pathophysiology and Pharmacology II](#)

Spring/Summer

- NURS 431 - Advanced Acute Care Nursing Practice I
- NURS 433 - Community Nursing Through the Lifespan **OR**
- NURS 437 - Mental Health and Wellness in Nursing (see Note 2)

Year 2 (see Notes 1 and 3)

Fall Term

- NURS 400 - Leadership in Nursing and Interprofessional Practice
- NURS 435 - Advanced Acute Care Nursing Practice II
- NURS 437 - Mental Health and Wellness in Nursing **OR**
- NURS 433 - Community Nursing Through the Lifespan (see Note 2)
- NURS 499 - Scholarly Project in Nursing (see Note 4)

Winter Term

- NURS 485 - Nursing Practice in a Focused Area

Spring/Summer

Spring/Summer

- NURS 431 - Advanced Acute Care Nursing Practice I

One of (see note 6):

- NURS 437 - Mental Health and Wellness in Nursing

OR

- NURS 433 - Community Nursing Through the Lifespan
- NURS 432 - Maternal/Child Nursing Practice (see Note 2)

Year 2 (see Notes 1, 3, and 5)

Fall Term

- NURS 499 - Scholarly Project in Nursing (see Note 4)
- 2 units in Interprofessional Initiatives; see Note 5.
- NURS 435 - Advanced Acute Care Nursing Practice II

One of (see note 6):

- NURS 437 - Mental Health and Wellness in Nursing

OR

- NURS 433 - Community Nursing Through the Lifespan

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations](#)
- [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. The Faculty of Nursing will determine which course students will take.
3. To proceed to Year 2, all courses listed in Year 1 of the program must have been successfully completed.
4. All [NURS 499](#) requirements must be completed prior to Winter Term of Year 2.

- **NURS 432 - Maternal/Child Nursing Practice** (see Note 2)

Winter Term

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

Spring/Summer

- [INT D 420 - Perspectives on Inclusive and Global Health](#)
- [NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations](#)
- [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. The Faculty of Nursing will determine which course students will take.
3. To proceed to Year 2, all courses listed in Year 1 of the program must have been successfully completed.
4. All [NURS 499](#) requirements must be completed prior to Winter Term of Year 2.
5. **Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D)**

	<p>courses. Contact the Nursing Faculty office for more information.</p> <p>6. Students must register for NURS 433, 432, and 437 over the Spring/Summer and Fall Terms. NURS 433 and NURS 432 must be taken in the same term, and not in the same term as 437.</p>
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Reviewed/Approved by:

Approved:
UCC: March 23, 2023
Faculty Caucus: March 28, 2023
Executive Committee: April 11, 2023

Required:
PST deadline: April 20, 2023
PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2023
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

To align course requirements in the BScN After Degree program with the BScN Collaborative program, which has not required any Psychology credits since a curriculum change in 2018.

Calendar Copy

URL in current Calendar (or "New page"): https://calendar.ualberta.ca/content.php?catoid=36&navoid=11302#bsc-in-nursing-after-degree-program	
Current Copy: Removed language	Proposed Copy: New language
<p>BSc in Nursing After Degree Program</p> <p>This program is offered in Edmonton.</p> <p>Requirements</p> <ol style="list-style-type: none"> 1. A baccalaureate degree from a recognized academic institution. 2. An Admission GPA (AGPA) of at least 3.0 or equivalent. Please refer to 	<p>BSc in Nursing After Degree Program</p> <p>This program is offered in Edmonton.</p> <p>Requirements</p> <ol style="list-style-type: none"> 1. A baccalaureate degree from a recognized academic institution. 2. An Admission GPA (AGPA) of at least 3.0 or equivalent. Please refer to

Transfer from a Postsecondary Institution.

3. Completion of the following prerequisite courses: English (3 units), Human Anatomy (3 units), Human Physiology (3 units), Medical Microbiology (3 units), **Psychology (3 units)**, and Statistics (3 units).
4. The following prerequisite courses require a minimum grade of C+* and must be taken within 5 years of BScN program start date:
Human Anatomy (3 units), Human Physiology (3 units), and Medical Microbiology (3 units).

*Students must obtain a grade equivalent to C+ as determined by the grading scale in the Faculty of Nursing at the University of Alberta. International applicants' grading equivalences will be considered on a case by case basis

High school subject requirements do not apply.

Transfer from a Postsecondary Institution.

3. Completion of the following prerequisite courses: English (3 units), Human Anatomy (3 units), Human Physiology (3 units), Medical Microbiology (3 units), and Statistics (3 units).
4. The following prerequisite courses require a minimum grade of C+* and must be taken within 5 years of BScN program start date:
Human Anatomy (3 units), Human Physiology (3 units), and Medical Microbiology (3 units).

*Students must obtain a grade equivalent to C+ as determined by the grading scale in the Faculty of Nursing at the University of Alberta. International applicants' grading equivalences will be considered on a case by case basis

High school subject requirements do not apply.

Reviewed/Approved by:

Approved:
UCC: March 9, 2023
Caucus: March 28, 2023
Exec Committee: April 20, 2023

Required:
PST deadline: April 20, 2023

PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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

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 110 is no longer part of the Nursing curriculum and should be removed from the Calendar. It has been replaced with SC INF 110 which is delivered in French.

Course Template

Current: Removed language	Proposed: New language
<p>NURS 110 - Foundations for Success in Nursing</p> <hr/> <p>Course Career Undergraduate Units 2 Approved Hours 1 0 1 Fee index 4 Faculty Nursing Department Nursing Typically Offered first term</p> <p>Description The course explores the foundations of professional nursing, relational practice and therapeutic communication. It fosters resilience and explores strategies for self-management and growth. Note: Available only to nursing students in the Bilingual Program.</p>	<p>Delete course</p>

Reviewed/Approved by:

Approved:
UCC: March 9, 2023
Caucus: March 28, 2023
Executive Committee: April 11, 2023

Required:
PST deadline: April 20, 2023
PST meeting: May 4, 2023

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2024

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

Enhanced focus on growth & development and impact of life challenges on health and development. This course replaces the credits previously used for NURS 200 (3 credits), which is being combined with NURS 300 (3 credits) and replaced with NURS 205 (3 credits). The leftover three credits are being used to create NURS 123.

Course Template

Current: Removed language	Proposed: New language
New course	<p>NURS 123</p> <p>Health and Wellness Across the Lifespan</p> <p>Course Career: Undergraduate Units: 3 Approved Hours: 3-0-0 Fee index: 6 Faculty: Nursing Department: Nursing Typically Offered: Second term</p> <p>Description: This course explores the impact of life challenges on health and development, with a "strengths-based focus" and understanding of Goals of Care. Note: Available only to nursing students in the Collaborative Program.</p>

Reviewed/Approved by:

Approved:
 UCC: March 23, 2023
 Faculty Caucus: March 28, 2023
 Executive Committee: April 11, 2023

Required:
 PST deadline: April 20, 2023
 PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: NURS 205

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

Streamline leadership courses to reduce overlap; similar approach taken in After Degree and Bilingual programs. NURS 200 (3 credits) and NURS 300 (3 credits) are being replaced with NURS 205 (3 credits), which is an existing course.

This change will free up three credits, which will be used to create NURS 123 (separate calendar change form).

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42893&returnto=11339	
Current Copy: Removed language	Proposed Copy: New language
<p style="font-size: 24px; margin: 0;">Year 1 (see Note 1)</p> <p style="margin: 0;">...</p> <p style="font-size: 24px; margin: 0;">Winter Term</p> <hr style="border: 0.5px solid #ccc; margin: 10px 0;"/> <ul style="list-style-type: none"> ● NURS 116 - Pathophysiology and Pharmacology I 	<p style="font-size: 24px; margin: 0;">Year 1 (see Note 1)</p> <p style="margin: 0;">...</p> <p style="font-size: 24px; margin: 0;">Winter Term</p> <hr style="border: 0.5px solid #ccc; margin: 10px 0;"/> <ul style="list-style-type: none"> ● NURS 116 - Pathophysiology and Pharmacology I

<ul style="list-style-type: none"> ● <u>NURS 124 - Foundations of Nursing I</u> ● <u>NURS 125 - Nursing Practice - Health Assessment</u> ● <u>NURS 200 - Innovation, Systems Thinking and Leadership in Healthcare</u> <p>...</p> <p>Year 3 (see Notes 1 and 6)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> ● <u>NURS 300 - Health Policy, Health Care Organizations, Change Management</u> ● <u>NURS 321 - Advanced Acute Care Nursing Practice I</u> ● <u>NURS 323 - Community Nursing through the Lifespan</u> ● OR ● <u>NURS 327 - Mental Health and Wellness in Nursing</u> 	<ul style="list-style-type: none"> ● <u>NURS 124 - Foundations of Nursing I</u> ● <u>NURS 125 - Nursing Practice - Health Assessment</u> <p>...</p> <p>Year 3 (see Notes 1 and 6)</p> <hr/> <p>Fall Term</p> <hr/> <ul style="list-style-type: none"> ● <u>NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations Course Career Undergraduate</u> ● <u>NURS 321 - Advanced Acute Care Nursing Practice I</u> ● <u>NURS 323 - Community Nursing through the Lifespan</u> ● OR ● <u>NURS 327 - Mental Health and Wellness in Nursing</u>
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2024

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 205 is being added to the Collaborative and Honors Collaborative curricula so must be open to students in those programs.

Course Template

Current: Removed language	Proposed: New language
<p>NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description Using a concept based approach this course examines innovation, systems thinking, relational leadership, nursing informatics, digital health, health policy, organization and management of the healthcare system, and care delivery models. The course develops knowledge,</p>	<p>NURS 205 - Innovation, Leadership, Policy, and Health Care Organizations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description Using a concept based approach this course examines innovation, systems thinking, relational leadership, nursing informatics, digital health, health policy, organization and management of the healthcare system, and care delivery models. The course develops knowledge,</p>

<p>skills and values that foster personal capacity for innovation and relational leadership. It also focuses on the roles of nurses in influencing health policy, and facilitating change within the health care system. Note: Available only to nursing students in the After Degree/After Degree Honors Program. Credit may be obtained for only one of NURS 205, NURS 300 or NURS 409.</p>	<p>skills and values that foster personal capacity for innovation and relational leadership. It also focuses on the roles of nurses in influencing health policy, and facilitating change within the health care system. Note: Available only to nursing students in the Collaborative, Honors Collaborative, After Degree, and After Degree Honors Programs. Credit may be obtained for only one of NURS 205 or NURS 300.</p>
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
For which term will this change take effect?	Winter 2024

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

This adjustment in hours will allow the total number of clinical hours to match an 8 hour clinical shift arrangement (i.e. 136 hours provides for 17 clinical shifts).

Course Template

Current: Removed language	Proposed: New language
<p>NURS 225 - Introduction to Acute Care Nursing Practice</p> <hr/> <p>Course Career Undergraduate Units 6 Approved Hours 1-130C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered second term</p> <p>Description This practicum in acute care settings further develops knowledge, skills, and abilities to provide safe ethical patient care for adults with episodic and chronic health challenges. Intentional clinical learning activities integrate evidence-informed knowledge from NURS</p>	<p>NURS 225 - Introduction to Acute Care Nursing Practice</p> <hr/> <p>Course Career Undergraduate Units 6 Approved Hours 1-136C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered second term</p> <p>Description This practicum in acute care settings further develops knowledge, skills, and abilities to provide safe ethical patient care for adults with episodic and chronic health challenges. Intentional clinical learning activities integrate evidence-informed knowledge from NURS</p>

224 and 216. The focus is on assessment, clinical reasoning, care planning, and documentation in paper and digital formats. Course includes **130** clinical hours total. Note: Available only to nursing students in the Collaborative/Honors Program and Bilingual Program.
 Prerequisites for Collaborative/Honors Program students: NURS 220 (~~or NURS 201~~) and NURS 221 (~~or NURS 202~~).
 Prerequisites for Bilingual Program students: SC INF 223 (~~or SC INF 217 or SC INF 220~~) and SC INF 221 (~~or SC INF 218~~).
 Corequisites: NURS 216 and NURS 224 (~~or NURS 307~~). Credit may be obtained for only one of NURS 225 or 308.

NURS 345 - Introductory Acute Care Nursing Practice

Course Career Undergraduate
Units 6
Approved Hours 1-**130**C-2
Fee index 12
Faculty Nursing
Department Nursing
Typically Offered second term

Description

This practicum in acute care settings develops beginning knowledge, skills, and abilities to provide safe ethical patient care for adults with episodic and chronic

224 and 216. The focus is on assessment, clinical reasoning, care planning, and documentation in paper and digital formats. Course includes **136** clinical hours total. Note: Available only to nursing students in the Collaborative/Honors Program and Bilingual Program.
 Prerequisites for Collaborative/Honors Program students: NURS 220 and NURS 221. Prerequisites for Bilingual Program students: SC INF 223 and SC INF 221.
 Corequisites: NURS 216 and NURS 224.

NURS 345 - Introductory Acute Care Nursing Practice

Course Career Undergraduate
Units 6
Approved Hours 1-**136**C-2
Fee index 12
Faculty Nursing
Department Nursing
Typically Offered second term

Description

This practicum in acute care settings develops beginning knowledge, skills, and abilities to provide safe ethical patient care for adults with episodic and chronic

<p>health challenges. Intentional clinical learning activities integrate evidence-informed knowledge from NURS 344 and 416. The focus is on assessment, clinical reasoning, care planning, and documentation in paper and digital formats. Course includes 130 clinical hours total. Note: Available only to nursing students in the After Degree/After Degree Honors Program or RPN-BScN Program. Prerequisite: NURS 335 (or NURS 105/305). Corequisites: NURS 344 (or NURS 307) and NURS 416.</p>	<p>health challenges. Intentional clinical learning activities integrate evidence-informed knowledge from NURS 344 and 416. The focus is on assessment, clinical reasoning, care planning, and documentation in paper and digital formats. Course includes 136 clinical hours total. Note: Available only to nursing students in the After Degree/After Degree Honors Program or RPN-BScN Program. Prerequisite: NURS 335. Corequisites: NURS 344 and NURS 416.</p>
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Reviewed/Approved by:

<p>Approved: UCC: March 9, 2023 Caucus: March 28, 2023 Exec Committee: April 20, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
For which term will this change take effect?	Spring/Summer 2024

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

This new course provides opportunities for students to have a possible child health clinical experience that is not currently available in the undergraduate nursing programs. All students will continue to have exposure to maternal/newborn health theory and simulated learning. The maternal/newborn content is drawn from the current NURS 323 and NURS 433 hours and content. (See rationale in [NURS 323 and NURS 433 calendar change](#) regarding separating the two components of NURS 323 and NURS 433).

Course Template

Current: Removed language	Proposed: New language
New courses	<p>NURS 322</p> <p>Maternal/Child Nursing Practice</p> <p>Course Career: Undergraduate Units: 3 Approved Hours: 2-72C-2 Fee index: 6 Faculty: Nursing Department: Nursing Typically Offered: either term</p> <p>Description: The course focuses on maternal and newborn health, particularly in the perinatal period, and on concepts of child health and wellbeing. Clinical hours listed are the total number of hours and will be offered over 3 weeks. Note: Available only to nursing students in the Collaborative Program, Collaborative Honors Program, and Bilingual Program. Prerequisites: NURS 216, NURS 224, and NURS 225.</p> <p>NURS 432</p> <p>Maternal/Child Nursing Practice</p> <p>Course Career: Undergraduate</p>

	<p>Units: 3 Approved Hours: 2-72C-2 Fee index: 6 Faculty: Nursing Department: Nursing Typically Offered: either term</p> <p>Description: The course focuses on maternal and newborn health, particularly in the perinatal period, and on concepts of child health and wellbeing. Clinical hours listed are the total number of hours and will be offered over 3 weeks. Note: Available only to nursing students in the After Degree Program, After Degree Honors Program, and RPN-BScN Program. Prerequisites: NURS 344, NURS 345, and NURS 416. Corequisite: NURS 431.</p>
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
For which term will this change take effect?	Spring/Summer 2024

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

The combination of community and maternal health in one course (that is, NURS 323 or NURS 433) has posed many logistical challenges (given two different clinical sites, clinical schedules and instructor teams). Separating both components will result in less confusion for students. The result will be two courses. NURS 323 and NURS 433 will continue with the community focus and NURS 322 and NURS 432 will incorporate the perinatal focus currently in NURS 323 and NURS 433 plus add child health content. See separate calendar change item for NURS 322 and NURS 432. The community part of the course previously had 16 clinical shifts; the latest decrease to 9 clinical shifts has posed limitations with student clinical learning. Also, the associated labs are taught by the clinical instructors and this content can be incorporated in the clinical time. Result: 12 clinical shifts over 3 weeks; no separate lab hours.

The fourth credit being added to NURS 323 and 433 is drawn from the deletion of NURS 400.

Course Template

Current: Removed language	Proposed: New language
<p>NURS 323 - Community Nursing through the Lifespan</p> <hr/> <p>Course Career Undergraduate Units 6 Approved Hours 2-144C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description: The course covers theories, ethics and</p>	<p>NURS 323 - Community Nursing through the Lifespan</p> <hr/> <p>Course Career Undergraduate Units 4 Approved Hours 2-96C-0 Fee index 8 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description: The course covers theories, ethics and</p>

evidence-informed approaches to community health nursing including primary health care, population health, health maintenance and promotion, and disease and injury prevention. It includes exploration of concepts of community-based assessment, planning, intervention and evaluation with community-as-client. The practicum portion of the course includes a variety of community settings. Nursing practice will include health assessment and interventions for clients throughout the lifespan and care continuum. Clinical hours listed are the total number of hours and will be offered over **6** weeks. Note: Available only to nursing students in the Collaborative/Honors Program or Bilingual Program. Prerequisites: NURS 216, NURS 224, and NURS 225.

NURS 433 - Community Nursing through the Lifespan

Course Career Undergraduate
 Units **6**
 Approved Hours **2-144C-2**
 Fee index **12**
 Faculty Nursing
 Department Nursing
 Typically Offered either term

evidence-informed approaches to community health nursing including primary health care, population health, health maintenance and promotion, and disease and injury prevention. It includes exploration of concepts of community-based assessment, planning, intervention and evaluation with community-as-client. The practicum portion of the course includes a variety of community settings. Nursing practice will include health assessment and interventions for clients throughout the lifespan and care continuum. Clinical hours listed are the total number of hours and will be offered over **3** weeks. Note: Available only to nursing students in the Collaborative/Honors Program or Bilingual Program. Prerequisites: NURS 216, NURS 224, and NURS 225.

NURS 433 - Community Nursing through the Lifespan

Course Career Undergraduate
 Units **4**
 Approved Hours **2-96C-0**
 Fee index **8**
 Faculty Nursing
 Department Nursing
 Typically Offered either term

<p>Description: The course covers theories, ethics and evidence-informed approaches to community health nursing including primary health care, population health, health maintenance and promotion, disease and injury prevention. It includes exploration of concepts of community-based assessment, planning, intervention and evaluation with community-as-client. The practicum portion of the course includes a variety of community settings. Nursing practice will include health assessment and interventions for clients throughout the lifespan and care continuum. Course includes 192 clinical hours total. Note: Available only to nursing students in the After Degree/After Degree Honors Program or RPN-BScN Program. Prerequisites: NURS 344 (or NURS 307), NURS 345 (or NURS 308), and NURS 416. Corequisite: NURS 431.</p>	<p>Description: The course covers theories, ethics and evidence-informed approaches to community health nursing including primary health care, population health, health maintenance and promotion, disease and injury prevention. It includes exploration of concepts of community-based assessment, planning, intervention and evaluation with community-as-client. The practicum portion of the course includes a variety of community settings. Nursing practice will include health assessment and interventions for clients throughout the lifespan and care continuum. Clinical hours listed are the total number of hours and will be offered over 3 weeks. Note: Available only to nursing students in the After Degree/After Degree Honors Program or RPN-BScN Program. Prerequisites: NURS 344 (or NURS 307), NURS 345 (or NURS 308), and NURS 416. Corequisite: NURS 431.</p>
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only)	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	NURS 327 and NURS 437: Spring/Summer 2024 SC INF 327: Fall 2024

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

There were 16 Lecture hours in an earlier course structure; the latest decrease to 12 Lecture hours has posed constraints in delivering necessary course content. The proposed change would provide 18 Lecture hours (delivered over the 6 week course) with no change to course credits.

Course Template

Current: Removed language	Proposed: New language
<p>NURS 327 - Mental Health and Wellness in Nursing Course Career Undergraduate Units 6 Approved Hours 2-144C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description This course in mental health provides opportunities to acquire knowledge, skills, and attitudes to promote wellness, through safe, ethical nursing practice, in a variety of contexts. The focus will be mental well-being throughout the lifespan. Learning experiences will provide students an understanding of the mental health nursing process. Clinical hours listed are the total number of hours and will be offered over 6 weeks. Note: Available only to nursing students in the Collaborative/Honors Program or Bilingual Program. Prerequisites: NURS 216, NURS 224, and NURS 225.</p> <p>NURS 437 - Mental Health and Wellness in Nursing Course Career Undergraduate Units 6 Approved Hours 2-144C-2 Fee index 12</p>	<p>NURS 327 - Mental Health and Wellness in Nursing Course Career Undergraduate Units 6 Approved Hours 3-144C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description This course in mental health provides opportunities to acquire knowledge, skills, and attitudes to promote wellness, through safe, ethical nursing practice, in a variety of contexts. The focus will be mental well-being throughout the lifespan. Learning experiences will provide students an understanding of the mental health nursing process. Clinical hours listed are the total number of hours and will be offered over 6 weeks. Note: Available only to nursing students in the Collaborative/Honors Program or Bilingual Program. Prerequisites: NURS 216, NURS 224, and NURS 225.</p> <p>NURS 437 - Mental Health and Wellness in Nursing Course Career Undergraduate Units 6 Approved Hours 3-144C-2 Fee index 12</p>

<p>Faculty Nursing Department Nursing Typically Offered either term or Spring/Summer</p> <p>Description This course in mental health provides opportunities to acquire knowledge, skills, and attitudes to promote wellness, through safe, ethical nursing practice, in a variety of contexts. The focus will be on mental well-being throughout the lifespan. Learning experiences will provide students an understanding of the mental health nursing process. Course includes 192 clinical hours total. Note: Available only to nursing students in the After Degree/After Degree Honors Program. Prerequisites: NURS 344 (or NURS 307), NURS 345 (or NURS 308), and NURS 416. Corequisite: NURS 431.</p> <p>SC INF 327 - Santé mentale et bien-être en soins infirmiers Course Career Undergraduate Units 6 Approved Hours 2-144C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered l'un ou l'autre semestre</p> <p>Description Ce cours en santé mentale offre des possibilités d'acquérir des connaissances, des compétences et des attitudes pour promouvoir le bien-être par le biais des soins infirmiers sécuritaires et éthiques dans une variété de contextes. L'accent sera mis sur le bien-être mental tout au long de la vie. Les expériences d'apprentissage donneront aux étudiantes une compréhension du processus de soins infirmiers en santé mentale. Les heures cliniques indiquées correspondent au nombre total d'heures du cours et seront offertes sur 6 semaines. Note: Ce cours est réservé aux étudiant(e)s du programme BSc inf. bilingue. Préalables: NURS 216, NURS 224 et NURS 225.</p>	<p>Faculty Nursing Department Nursing Typically Offered either term or Spring/Summer</p> <p>Description This course in mental health provides opportunities to acquire knowledge, skills, and attitudes to promote wellness, through safe, ethical nursing practice, in a variety of contexts. The focus will be on mental well-being throughout the lifespan. Learning experiences will provide students an understanding of the mental health nursing process. Course includes 192 clinical hours total. Note: Available only to nursing students in the After Degree/After Degree Honors Program. Prerequisites: NURS 344 (or NURS 307), NURS 345 (or NURS 308), and NURS 416. Corequisite: NURS 431.</p> <p>SC INF 327 - Santé mentale et bien-être en soins infirmiers Course Career Undergraduate Units 6 Approved Hours 3-144C-2 Fee index 12 Faculty Nursing Department Nursing Typically Offered l'un ou l'autre semestre</p> <p>Description Ce cours en santé mentale offre des possibilités d'acquérir des connaissances, des compétences et des attitudes pour promouvoir le bien-être par le biais des soins infirmiers sécuritaires et éthiques dans une variété de contextes. L'accent sera mis sur le bien-être mental tout au long de la vie. Les expériences d'apprentissage donneront aux étudiantes une compréhension du processus de soins infirmiers en santé mentale. Les heures cliniques indiquées correspondent au nombre total d'heures du cours et seront offertes sur 6 semaines. Note: Ce cours est réservé aux étudiant(e)s du programme BSc inf. bilingue. Préalables: NURS 216, NURS 224 et NURS 225.</p>
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Reviewed/Approved by:

Approved:

UCC: March 23, 2023

Faculty Caucus: March 28, 2023

Executive Committee: April 11, 2023

Required:

PST deadline: April 20, 2023

PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate
	<input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2024

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

The Faculty of Nursing is planning to delete NURS 400 and redistribute the three credits left over. Nursing has encountered scheduling challenges with trying to match a Nursing course time (NURS 400) with parallel interprofessional learning courses for other health disciplines. The College of Health Sciences is reconstructing two 1-credit courses (INT D 403, INT D 408) that better fit Nursing course schedules and provide a more authentic interprofessional experience. The intention is to add back 2 credits for Interprofessional initiatives with the College of Health Sciences (overall credit impact: -1. Leftover credit to be applied to NURS 323 or NURS 433; see separate calendar change).

Course Template

Current: Removed language	Proposed: New language
<p>NURS 400—Leadership in Nursing and Interprofessional Practice Course Career Undergraduate Units 3 Approved Hours 3-0-0; 6-0 Fee index 6 Faculty Nursing Department Nursing Typically Offered either term</p> <p>Description The course prepares learners with the knowledge and capabilities for working within complex interprofessional environments in healthcare. It focuses on six key interprofessional competencies (patient/client/family/community-centred care, interprofessional communication, role clarification, team functioning, interprofessional conflict resolution and collaborative leadership). The course culminates with the application of knowledge to authentic scenarios and demonstration of effective collaborative teamwork. Prerequisite for students in the Collaborative/Honors and After Degree/After Degree Honors Programs: NURS 300. Prerequisite for Bilingual Program students: SC-INF 300 or SC-PO 320. Credit may be obtained for only one of NURS 400 or INT-D 410.</p>	<p>Delete course.</p>

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Reviewed/Approved by:

Approved:
UCC: March 23, 2023
Faculty Caucus: March 28, 2023
Executive Committee: April 11, 2023

Required:
PST deadline: April 20, 2023
PST meeting: May 4, 2023

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

Faculty (& Department or Academic Unit):	Nursing
Contact Person:	Riley Samson
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?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	Yes: NURS 400 deletion

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

The Faculty of Nursing is planning to delete NURS 400 and redistribute the three credits left over. Nursing has encountered scheduling challenges with trying to match a Nursing course time (NURS 400) with parallel interprofessional learning courses for other health disciplines. The College of Health Sciences is reconstructing two 1-credit courses (INT D 403, INT D 408) that better fit Nursing course schedules and provide a more authentic interprofessional experience. The intention is to add back 2 credits for Interprofessional initiatives with the College of Health Sciences (overall credit impact: -1 to be applied to either NURS 323 or NURS 433; see separate calendar change).

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_program.php?catoid=36&poiid=42893&returnto=11339	
Current Copy: Removed language	Proposed Copy: New language
Year 3 (see Notes 1 and 6) ... Winter Term	Year 3 (see Notes 1 and 6) ... Winter Term

<ul style="list-style-type: none">● <u>NURS 323 - Community Nursing through the Lifespan</u> OR● <u>NURS 327 - Mental Health and Wellness in Nursing</u>● <u>NURS 325 - Advanced Acute Care Nursing Practice II</u>● <u>NURS 400 – Leadership in Nursing and Interprofessional Practice</u>	<ul style="list-style-type: none">● <u>NURS 323 - Community Nursing through the Lifespan</u> OR● <u>NURS 327 - Mental Health and Wellness in Nursing</u>● <u>NURS 325 - Advanced Acute Care Nursing Practice II</u>● <u>2 units in Interprofessional Initiatives; see Note __.</u> <p>Note __: Interprofessional Initiatives will be two 1-unit Interdisciplinary (INT D) courses. Contact the Nursing Faculty office for more information.</p>
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Reviewed/Approved by:

<p>Approved: UCC: March 23, 2023 Faculty Caucus: March 28, 2023 Executive Committee: April 11, 2023</p> <p>Required: PST deadline: April 20, 2023 PST meeting: May 4, 2023</p>
<p>OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.</p>

Faculty (& Department or Academic Unit):	Occupational Therapy
Contact Person:	Amy Peters
Level of change: (choose one only)	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
Type of change request: (check all that apply)	<input checked="" type="checkbox"/> Program
	<input checked="" type="checkbox"/> Regulation
For which term is this intended to take effect?	For students admitted in the 2024/25 academic year
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

This is being changed to lessen the administrative burden of the admission process, and to reduce the number of documents that applicants are required to submit. The program has determined that the reference letters do not contribute enough significant information in the application review process to continue being a requirement for applicants. Other professional programs, such as MScPT, do not use reference letters in application processes. Other requirements, such as the CV and situational judgment test, along with a stringent GPA calculation, will still result in a strong basis for admission decisions.

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42634&hl=%22occupational+therapy%22&returnto=search	
Current Copy: Removed language	Proposed Copy: New language
All applicants are also required to submit the following: <ul style="list-style-type: none"> ● a curriculum vitae in a pre-set format (available for download with the Online Application for Graduate Admission), ● two letters of recommendation, ● a description/evidence of suitability for this program and profession. 	All applicants are also required to submit the following: <ul style="list-style-type: none"> ● a curriculum vitae in a pre-set format (available for download with the Online Application for Graduate Admission), ● a description/evidence of suitability for this program and profession.

Reviewed/Approved by:

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

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

- Occupational Therapy Department Council (Nov 16, 2022)
- Faculty of Rehabilitation Medicine Executive Committee (Dec 13, 2022)
- Faculty of Rehabilitation Medicine Faculty Council (Jan 19, 2023)
- GPST (Feb 27, 2023) - notes received and will be discussed by the Department

Faculty (& Department or Academic Unit):	Occupational Therapy, Rehabilitation
Contact Person:	Amy Peters
Level of change: (choose one only)	<input type="checkbox"/> Undergraduate
	<input checked="" type="checkbox"/> Graduate
Type of change request: (check all that apply)	<input checked="" type="checkbox"/> Program
	<input checked="" type="checkbox"/> Regulation
For which term is this intended to take effect?	Fall 2024
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

As the Occupational Therapy program aims to educate and graduate therapists that will serve in Alberta, we are adding a statement to the calendar that preference will be given to Alberta residents. The proposed language mirrors Physical Therapy's current statement on residency, and quantifies how many seats will be available to non-Alberta applicants. This will ensure that the program can admit more students who are likely to continue working in the province after graduation. Preference will be given to residents of Alberta; approximately 15% of the available seats will be offered to out-of-province and international applicants. This new policy will not affect the interprovincial agreement between the Province of Alberta and the Province of Saskatchewan; seats will continue to be reserved for Saskatchewan residents, and will not be part of the 15% for non-Alberta residents.

Calendar Copy

URL in current Calendar (or "New page") https://calendar.ualberta.ca/preview_program.php?catoid=36&poid=42634&hl=%22occupational+therapy%22&returnto=search	
Current Copy: Removed language	Proposed Copy: New language
<p>The Department's minimum admission requirements are a four-year baccalaureate degree with an admission GPA of at least 3.0 on the 4-point scale from the University of Alberta, or an equivalent qualification and standing from a recognized institution. The admission GPA will be calculated on the last 60 units of graded coursework completed, or on the equivalent of the last two years of full-time graded coursework.</p> <p>The selection process is competitive and will be based on the GPA in the most recent 60 units taken prior to</p>	<p>The Department's minimum admission requirements are a four-year baccalaureate degree with an admission GPA of at least 3.0 on the 4-point scale from the University of Alberta, or an equivalent qualification and standing from a recognized institution. The admission GPA will be calculated on the last 60 units of graded coursework completed, or on the equivalent of the last two years of full-time graded coursework.</p> <p>The selection process is competitive and will be based on the GPA in the most recent 60 units taken prior to</p>

January of the admission year. Applicants are initially rank ordered according to their admission GPA. Applicants with the same GPA who have completed 30 units over two consecutive terms will be ranked above those who have taken fewer than 30 units.

January of the admission year. Applicants are initially rank ordered according to their admission GPA. Applicants with the same GPA who have completed 30 units over two consecutive terms will be ranked above those who have taken fewer than 30 units. Preference will be given to residents of Alberta; approximately 15% of the available seats will be offered to out-of-province and international applicants. Seats will continue to be reserved for Saskatchewan residents under the interprovincial agreement with the Province of Saskatchewan, and will not be part of the 15% for non-Alberta residents.

Reviewed/Approved by:

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

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

- Occupational Therapy Department Council (Nov 16, 2022)
- Faculty of Rehabilitation Medicine Executive Committee (Dec 13, 2022)
- Faculty of Rehabilitation Medicine Faculty Council (Jan 19, 2023)
- GPST (Feb 27, 2023) - document updated with suggested actions

Faculty (& Department or Academic Unit):	Science - Mathematical and Statistical Sciences
Contact Person:	David McNeilly dm15@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 2024 (earlier if possible)

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

MA PH 251 is an introductory course in differential equations, concentrating on ODEs with a bit of PDEs. As such, it should be regarded as equivalent to MATH 334, MATH 201, and MATH 336, so students should only be able to obtain credit in one of the four courses. In particular, MA PH 251 is an acceptable ODE course for prerequisite purposes.

Course Template

<p>MATH 201 - Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3.5 Approved Hours 3-0-1 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term or Spring/Summer</p> <p>Description First-order equations; second-order linear equations: reduction of order, variation of parameters; Laplace transform; linear systems; power series; solution by series; separation of variables for PDEs. Prerequisite or corequisite: MATH 209 or 214. Notes: (1) Open only to students in Engineering, Specialization Physics, and</p>	<p>MATH 201 - Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3.5 Approved Hours 3-0-1 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term or Spring/Summer</p> <p>Description First-order equations; second-order linear equations: reduction of order, variation of parameters; Laplace transform; linear systems; power series; solution by series; separation of variables for PDEs. Prerequisite or corequisite: MATH 209 or 214. Notes: (1) Open only to students in Engineering, Specialization Physics, and</p>
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<p>Specialization Geophysics. (2) Credit can be obtained in at most one of MATH 201, 334 or 336. (3) Students in all sections of this course will write a common final examination. Non-Engineering students who take this course will receive *3.0.</p>	<p>Specialization Geophysics. (2) Credit can be obtained in at most one of MATH 201, <u>MATH 334, MATH 336, or MA PH 251</u>. (3) Students in all sections of this course will write a common final examination. Non-Engineering students who take this course will receive *3.0.</p>
<p>MATH 334 - Introduction to Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description First order equations, linear equations of higher order. Power series solution. Laplace transform methods. Introduction to special functions. Introduction to linear systems. Prerequisites: One of MATH 102, 125 or 127, and one of MATH 209, 214 or 217. Note: Credit can be obtained in at most one of MATH 201, 334 or 336.</p>	<p>MATH 334 - Introduction to Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description First order equations, linear equations of higher order. Power series solution. Laplace transform methods. Introduction to special functions. Introduction to linear systems. Prerequisites: One of MATH 102, 125 or 127, and one of MATH 209, 214 or 217. Note: Credit can be obtained in at most one of MATH 201, <u>MATH 334, MATH 336, or MA PH 251</u>.</p>

<p>MATH 336 - Honors Ordinary Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description First order differential equations. Linear systems of differential equations and linear differential equations of higher order. Stability and qualitative theory of 2-dimensional linear and non-linear systems. Laplace transform methods. Existences and uniqueness theorems. Prerequisites: MATH 225 or 227, and either MATH 209, 217, 314 or both 214 and 216. Note: Credit can be obtained in at most one of MATH 201, 334 and 336.</p>	<p>MATH 336 - Honors Ordinary Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description First order differential equations. Linear systems of differential equations and linear differential equations of higher order. Stability and qualitative theory of 2-dimensional linear and non-linear systems. Laplace transform methods. Existences and uniqueness theorems. Prerequisites: MATH 225 or 227, and either MATH 209, 217, 314 or both 214 and 216. Note: Credit can be obtained in at most one of MATH 201, MATH 334, MATH 336, and MA PH 251.</p>
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<p>MATH 337 - Introduction to Partial Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description Boundary value problems of classical</p>	<p>MATH 337 - Introduction to Partial Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description Boundary value problems of classical</p>
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<p>Math Physics, orthogonal expansions, classical special functions. Advanced transform techniques. Prerequisites: One of MATH 209, 215, or 217, and one of MATH 201, <u>334 or 336</u>. Notes: (1) Credit can be obtained in at most one of MATH 300 or 337. (2) Course cannot be taken for credit if credit has been obtained in ECE 341.</p>	<p>Math Physics, orthogonal expansions, classical special functions. Advanced transform techniques. Prerequisites: One of MATH 209, 215, or 217, and one of MATH 201, <u>MATH 334, MATH 336, or MA PH 251</u>. Notes: (1) Credit can be obtained in at most one of MATH 300 or 337. (2) Course cannot be taken for credit if credit has been obtained in ECE 341.</p>
<p>MATH 432 - Intermediate Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description Elementary existence and uniqueness theorems. Systems of equations, stability, perturbation theory. Introduction to numerical methods. Introduction to phase plane analysis. Prerequisite: One of MATH 201, <u>334 or 336</u>.</p>	<p>MATH 432 - Intermediate Differential Equations</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sci Typically Offered either term</p> <p>Description Elementary existence and uniqueness theorems. Systems of equations, stability, perturbation theory. Introduction to numerical methods. Introduction to phase plane analysis. Prerequisite: One of MATH 201, <u>MATH 334, MATH 336, or MA PH 251</u></p>

Reviewed/Approved by:

<p>REQUIRED: Faculty Council (or delegate) and approval date: Science Associate Chairs Ugrad April 14/23</p>
<p>Approved Mathematical and Statistical Sciences Departmental Council, February 7, 2023</p>

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Faculty (& Department or Academic Unit):	Mathematical and Statistical Sciences
Contact Person:	Dr. David McNeilly
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

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

Simplification of the course descriptions to better reflect course content. In the case of MATH 227, the addition of an additional hour of lectures per week.

Course Template

Current: Removed language	Proposed: New language
<p>MATH 127</p> <p>Honors Linear Algebra I</p> <p>Course Career Undergraduate Units 3 Approved Hours 4-0-0 Fee index 6 Faculty Science Department Mathematical and Statistical Sci Typically Offered first term</p> <p>Description Systems of linear equations; vectors in Euclidean n-space; span and linear independence in Euclidean n-space; dot and cross product; orthogonality; lines and planes; matrix arithmetic; determinants; introduction to eigenvectors and eigenvalues; introduction to linear transformations; complex numbers; vector space axioms; subspaces and quotients. Prerequisite: Mathematics 30-1. Note: Credit can be obtained in at most one of Math 102, 125 or 127.</p>	<p>MATH 127</p> <p>Honors Linear Algebra I</p> <p>Course Career Undergraduate Units 3 Approved Hours 4-0-0 Fee index 6 Faculty Science Department Mathematical and Statistical Sci Typically Offered first term</p> <p>Description <u>Linear equations; Euclidean spaces, matrices. Complex numbers and fields. Vector spaces : basis, dimension, linear transformations. Introductions to groups and rings; permutation groups. Determinants. Eigenvalues and Eigenvectors.</u> Prerequisite: Mathematics 30-1. Note: Credit can be obtained in at most one of Math 102, 125 or 127.</p>

Course Template

Current: Removed language	Proposed: New language
<p>MATH 227</p> <p>Honors Linear Algebra II</p> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical and Statistical Sci Typically Offered second term</p> <p>Description Review of vector space axioms, subspaces and quotients; span; linear independence; Gram-Schmidt process; projections; methods of least squares; linear transformations and their matrix representations with respect to arbitrary bases; change of basis; eigenvectors and eigenvalues; triangularization and diagonalization; canonical forms (Schur, Jordan, spectral theorem). Prerequisite: MATH 127. (Students with MATH 102 or 125 may be admitted with consent of the Department.) Note: Credit can be obtained in at most one of MATH 225 or 227.</p>	<p>MATH 227</p> <p>Honors Linear Algebra II</p> <p>Course Career Undergraduate Units 3 Approved Hours 4-0-0 Fee index 6 Faculty Science Department Mathematical and Statistical Sci Typically Offered second term</p> <p>Description <u>Quotients and direct sums. Cayley-Hamilton. Canonical Forms (diagonal and Jordan). Real and Complex inner product spaces : orthogonality, singular value decomposition. Introduction to abstract algebra : groups, rings, and modules. Homomorphisms.</u> Prerequisite: MATH 127. (Students with MATH 102 or 125 may be admitted with consent of the Department.) Note: Credit can be obtained in at most one of MATH 225 or 227.</p>

Reviewed/Approved by:

<p>REQUIRED: Faculty Council (or delegate) and approval date: Science Associate Chairs Ugrad April 14/23</p>
<p>Approved Mathematical and Statistical Sciences Departmental Council, February 7, 2023</p>

Faculty (& Department or Academic Unit):	Mathematical and Statistical Sciences, Faculty of Science
Contact Person:	David McNeilly
Level of change: (choose one only) [?]	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
For which term will this change take effect?	Fall 2024

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

Engineering students should be allowed to use MATH 300 to meet MATH 436's MATH 337 prerequisite.

Course Template

Current: Removed language	Proposed: New language
<p>MATH 436 - Intermediate Partial Differential Equations I</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sciences Typically Offered first term</p> <p>Description Partial differential equations as physical models. Introduction to basic generalized functions. Theory of linear and quasi-linear first-order equations: general solution, initial value problem, generalized solutions and propagation of singularities, characteristic surfaces, shock formation. Theory of fully nonlinear first order equations: complete solution and the initial value problem. Hamilton-Jacobi equation and its applications. Second order linear equations in n dimensions: classification, canonical form, characteristic surfaces and shock formation, initial and boundary value problem. Prerequisite: MATH 337.</p>	<p>MATH 436 - Intermediate Partial Differential Equations I</p> <hr/> <p>Course Career Undergraduate Units 3 Approved Hours 3-0-0 Fee index 6 Faculty Science Department Mathematical & Statistical Sciences Typically Offered first term</p> <p>Description Partial differential equations as physical models. Introduction to basic generalized functions. Theory of linear and quasi-linear first-order equations: general solution, initial value problem, generalized solutions and propagation of singularities, characteristic surfaces, shock formation. Theory of fully nonlinear first order equations: complete solution and the initial value problem. Hamilton-Jacobi equation and its applications. Second order linear equations in n dimensions: classification, canonical form, characteristic surfaces and shock formation, initial and boundary value problem. Prerequisite: MATH 300 or MATH 337.</p>

Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date: Science Associate Chairs Ugrad April 14/23

OPTIONAL: Approved, Mathematical and Statistical Sciences Departmental Council, Feb 7, 2023



Faculty (& Department or Academic Unit):	Science, Mathematical and Statistical Sciences
Contact Person:	David McNeilly (dm15@ualberta.ca)
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?	Immediately
Does this proposal have corresponding course changes? (Should be submitted at the same time)	No

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

The current Calendar description of the Specialization Statistics program is short *3 in Years 3 & 4. This error goes back to the 2015/2016 Calendar, when the *33 in approved options from 2014/2015 was incorrectly translated to *6 in Arts options, *6 in Science options, and *18 in approved options.

Calendar Copy

https://calendar.ualberta.ca/preview_program.php?catoid=39&poid=47437&returnto=12349	
Current Copy: Removed language	Proposed Copy: New language
Specialization in Statistics [Science] Years 3 and 4 <ul style="list-style-type: none"> • STAT 361 - Sampling Techniques • STAT 368 - Introduction to Design and Analysis of Experiments • STAT 371 - Probability and Stochastic Processes • STAT 372 - Mathematical Statistics • STAT 378 - Applied Regression Analysis 	Specialization in Statistics [Science] Years 3 and 4 <ul style="list-style-type: none"> • STAT 361 - Sampling Techniques • STAT 368 - Introduction to Design and Analysis of Experiments • STAT 371 - Probability and Stochastic Processes • STAT 372 - Mathematical Statistics • STAT 378 - Applied Regression Analysis

<h2>Options</h2> <hr/> <ul style="list-style-type: none">● ★12 in approved STAT options at 300-level or higher, at least ★3 of which must be at the 400-level● ★6 in approved Arts options● ★6 in approved Science options (see details of courses)● ★18 in approved options	<h2>Options</h2> <hr/> <ul style="list-style-type: none">● ★12 in approved STAT options at 300-level or higher, at least ★3 of which must be at the 400-level● ★6 in approved Arts options● ★6 in approved Science options (see details of courses)● ★21 in approved options
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Reviewed/Approved by:

REQUIRED: Faculty Council (or delegate) and approval date: Science Associate Chairs Ugrad April 14/23
OPTIONAL: Other internal faculty approving bodies, consultation groups, or departments, and approval dates.

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Chemistry, Faculty of Science
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Motion

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Chemistry courses for exclusion from the Exploration Credits policy.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Christopher Cairo, Associate Chair Undergraduate, Chemistry

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Chemistry has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>30 undergraduate Chemistry courses will be available to students for the exploration credit policy.</p> <p>We are asking that the following 18 undergraduate Chemistry courses are excluded from the policy.</p> <p>Reasons for exclusion include professional certification restrictions, restrictive funding structures, and/or the course includes senior level labs.</p> <p>Requested exclusions include the following:</p> <p>CHEM 401 CHEM 403 CHEM 499A CHEM 499B CHEM 313 CHEM 333</p>

Item No. 5A

	CHEM 343 CHEM 361 CHEM 371 CHEM 373 CHEM 398 CHEM 460 CHEM 461 CHEM 493 CHEM 103 CHEM 105 CHEM 261 CHEM 371 Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (attachment 1)
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

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>Those who are actively participating:</u> <ul style="list-style-type: none"> • Department of Chemistry • Faculty of Science, Student Services • Faculty of Science Associate Chairs (Undergraduate) Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> • Undergraduate Curriculum Committee (Mar 3) • Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<u>Those who have been informed:</u> <ul style="list-style-type: none"> • Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – March 30, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success



Item No. 5A

Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>
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Attachments (each to be numbered 1)

1. Attachment 1 (2 page(s) - Department of Chemistry Excluded courses
2. Attachment 2 (3 page(s) Chemistry courses permitted for Exploration Credit

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Associate Chair (Undergraduate Studies), Christopher Cairo, ccairo@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Chemistry, Faculty of Science

We are asking that the following 18 undergraduate chemistry courses are excluded from the policy.

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	CHEM	401	Introduction to Chemical Research	requires departmental consent
2	CHEM	403	Chemical Research	requires departmental consent
3	CHEM	499A	Advanced Chemical Research and Training	requires departmental consent
4	CHEM	499B	Advanced Chemical Research and Training	requires departmental consent

Senior Labs

These are senior level courses that are heavily or entirely lab-based. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	CHEM	313	Instrumentation in Chemical Analysis	
2	CHEM	333	Inorganic Materials Chemistry	
3	CHEM	343	Advanced Inorganic Chemistry	
4	CHEM	361	Organic Chemistry	
5	CHEM	371	Energetics of Chemical Reactions	Engineering sections also excluded for prof certification
6	CHEM	373	Physical Properties and Dynamics of Chemical Systems	
7	CHEM	398	Molecular Spectroscopy	
8	CHEM	460	Contemporary Organic Chemistry	
9	CHEM	461	Qualitative Organic Analysis	
10	CHEM	493	Computational Chemistry	

Professional certification and enrolment pressure

These courses serve the Faculty of Engineering. The primary reason for a student taking these courses is to meet the requirements for professional certification. We believe that allowing students to declare these courses as exploration credits would undermine the eligibility of these courses to be used in accredited programs.

These courses are also in high demand given the large enrolments in Engineering and remain under enrolment pressure. We must ensure that students whose programs require these courses can enrol to successfully complete their programs in a timely manner.

	Prefix	Code	Name	Additional notes
1	CHEM	103	Introductory University Chemistry I	Course specifically for Engineering students

2	CHEM	105	Introductory University Chemistry II	Course specifically for Engineering students
3	CHEM	261	Organic Chemistry I	Only specific sections (EA1, EA2, etc.) are restricted to engineering students; regular sections are open for EC
4	CHEM	371	Energetics of Chemical Reactions	Only specific sections (EA1, EA2, etc.) are restricted to engineering students

Faculty of Science,
College of Natural & Applied Sciences

Attachment 2

Chemistry undergraduate courses approved for exploration credits

Prefix	Code	Name
CHEM	101	Introductory University Chemistry I
CHEM	102	Introductory University Chemistry II
CHEM	211	Quantitative Analysis I
CHEM	213	Quantitative Analysis II
CHEM	241	Introduction to Inorganic Chemistry
CHEM	261	Organic Chemistry I
CHEM	263	Organic Chemistry II
CHEM	264	Organic Chemistry I: Theory
CHEM	265	Organic Chemistry II: Theory
CHEM	282	Atomic and Molecular Structure
CHEM	303	Environmental Chemistry I
CHEM	305	Environmental Chemistry II
CHEM	306	Green Chemistry
CHEM	351	Introduction to Chemical Biology
CHEM	405	Special Topics in Chemistry
CHEM	424	Optical Spectroscopy and Electrochemistry
CHEM	425	Separations and Mass Spectrometry
CHEM	434	X-ray Crystallography
CHEM	436	Synthesis and Applications of Inorganic and Nano-materials
CHEM	437	Transition Metal Chemistry
CHEM	438	Solid State Chemistry
CHEM	443	Asymmetric Catalysis
CHEM	444	Characterization Methods in Nanoscience

CHEM	451	Chemical Biology
CHEM	454	Bioconjugate Chemistry
CHEM	462	Physical Organic Chemistry
CHEM	463	Organic Synthesis
CHEM	477	Molecular Symmetry and Spectroscopy
CHEM	479	Molecular Kinetics
CHEM	495	Molecular Dynamics and its Applications

*Note,

Attachment 1 outlines the courses we have requested for exemption along with the reasons.

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Mathematical and Statistical Sciences, Faculty of Science
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Motion

<p>THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Mathematical and Statistical Sciences courses for exclusion from the Exploration Credits policy.</p>
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Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Nicolas Guay, Associate Chair for Undergraduate Studies

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Mathematical and Statistical Sciences has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>75 undergraduate Mathematics and Statistics courses will be available to students for the exploration credit policy.</p> <p>We are asking that the following 27 undergraduate Mathematics and Statistics courses be excluded from the policy. (There are more than 26 listed below, but note that MATH 201A and MATH 201B together are the same as MATH 201, and this also applies to MATH 300, MATH 309 and STAT 235.)</p> <p>Reasons for exclusion include professional certification restrictions, enrolment pressure in high-demand courses, consent of instructor/department/faculty needed, some courses have been suspended for an indefinite period of time while others are program requirements for most of the students enrolled in them.</p> <p>Requested exclusions include the following:</p> <p>MATH 100 MATH 101</p>



Item No. 5B

	<p>MATH 102 MATH 114 MATH 115 MATH 117 MATH 134 MATH 144 MATH 154 MATH 160 MATH 201 MATH 201A MATH 201B MATH 209 MATH 260 MATH 298 MATH 300 MATH 300A MATH 300B MATH 309 MATH 309A MATH 309B MATH 314 MATH 414 MATH 438 MATH 497 MATH 499 STAT 151 STAT 161 STAT 235 STAT 235A STAT 235B STAT 252 STAT 497 STAT 499</p> <p>Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (Attachment 1)</p>
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

Engagement and Routing (Include meeting dates)

Consultation and Stakeholder Participation	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> ● Department of Mathematical and Statistical Sciences ● Faculty of Science, Student Services ● Faculty of Science Associate Chairs (Undergraduate) Committee
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Item No. 5B

(parties who have seen the proposal and in what capacity) <For information on the protocol see the Governance Resources section Student Participation Protocol >	<i>Those who have been consulted:</i> <ul style="list-style-type: none"> Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<i>Those who have been informed:</i> <ul style="list-style-type: none"> Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – March 30, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>	

Attachments (each to be numbered 1)

- Attachment 1 (2 page(s) - Department of Mathematical and Statistical Sciences Excluded courses)
- Attachment 2 (3 page(s) Mathematics and Statistics courses permitted for Exploration Credit)

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Associate Chair (Undergraduate Studies), Nicolas Guay, mssacu@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Mathematical and Statistical Sciences, Faculty of Science

We are asking that the following Mathematics and Statistics undergraduate courses be excluded from the policy.

Suspended courses

The courses below have already been suspended for a number of years and we don't expect them to be offered in the future. They will eventually be removed from the course catalogue.

	Prefix	Code	Name	Additional notes
1	MATH	114	Elementary Calculus I	
2	MATH	115	Elementary Calculus II	
3	MATH	314	Analysis I	
4	MATH	414	Analysis II	
5	MATH	438	Intermediate Partial Differential Equations II	

Enrolment pressure

The courses below are already in high demand. There are often long waitlists for the course sections. Given that there are already many students waiting to take these courses, students seeking exploration credits would put too much additional enrollment pressure. Moreover, most of the students enrolled need to take the courses below because they are required in their programs, so they have to obtain a letter grade.

	Prefix	Code	Name	Additional notes
1	MATH	117	Honors Calculus I	
2	MATH	134	Calculus for the Life Sciences I	
3	MATH	144	Calculus for the Physical Sciences I	
4	MATH	154	Calculus for Business and Economics I	
5	MATH	160	Higher Arithmetic	
6	MATH	260	Mathematical Reasoning for Teachers	
7	STAT	151	Introduction to Applied Statistics I	
8	STAT	161	Introductory Statistics for Business and Economics	
9	STAT	252	Introduction to Applied Statistics II	

Professional certification and enrolment pressure

These courses serve the Faculty of Engineering. The primary reason for a student taking these courses is to meet the requirements for professional certification. We believe that allowing students to declare these courses as exploration credits would undermine the eligibility of these courses to be used in accredited programs.

These courses are also in high demand given the large enrolments in Engineering and remain under enrolment pressure. We must ensure that students whose programs require these courses can enrol to successfully complete their programs in a timely manner.

	Prefix	Code	Name	Additional notes
1	MATH	100	Calculus I	
2	MATH	101	Calculus III	
3	MATH	102	Applied Linear Algebra	
4	MATH	201	Differential Equations	
7	MATH	209	Calculus III	
8	MATH	300	Advanced Boundary Value Problems I	
11	MATH	309	Mathematical Methods for Electrical Engineers	

Consent of instructor/department/faculty needed

Courses requiring departmental/instructor approval should not be seen as "exploratory." Having students take this course as exploration credits can adversely affect the dynamics in these interactive courses.

Prefix	Code	Name	Additional notes
1 MATH	497	Reading in Mathematics	
2 MATH	499	Research Project	
3 STAT	497	Reading in Statistics	
4 STAT	499	Research Project	

Other

The course below is already graded as C / NC, so there is no need for it to be taken for exploratory credits.

Prefix	Code	Name	Additional notes
1 MATH	298	Problem Solving Seminar	

Courses permitted for Exploration Credits

Department of Mathematical and Statistical Sciences, Faculty of Science

Prefix	Code	Name
MATH	111	Introduction to Discrete Mathematics
MATH	118	Honors Calculus II
MATH	125	Linear Algebra I
MATH	127	Honors Linear Algebra I
MATH	136	Calculus for the Life Sciences II
MATH	146	Calculus for the Physical Sciences II
MATH	156	Calculus for Business and Economics II
MATH	181	Introduction to Combinatorics and Probability
MATH	214	Intermediate Calculus III
MATH	215	Intermediate Calculus IV
MATH	216	Introduction to Analysis
MATH	217	Honors Advanced Calculus I
MATH	225	Linear Algebra II
MATH	226	Algebraic Structures
MATH	227	Honors Linear Algebra II
MATH	228	Algebra: Introduction to Ring Theory
MATH	241	Geometry
MATH	243	Transformation Geometry
MATH	253	Theory of Interest
MATH	256	Elementary Number Theory
MATH	281	Probability by Counting and Queuing
MATH	311	Theory of Functions of a Complex Variable
MATH	317	Honors Advanced Calculus II
MATH	322	Graph Theory
MATH	324	Elementary Number Theory
MATH	325	Linear Algebra III
MATH	326	Rings and Modules
MATH	327	Algebra I
MATH	328	Algebra: Introduction to Group Theory
MATH	329	Algebra II
MATH	334	Introduction to Differential Equations
MATH	336	Honors Ordinary Differential Equations
MATH	337	Introduction to Partial Differential Equations
MATH	341	Geometry of Convex Sets
MATH	343	Projective and Inversive Geometries
MATH	348	Differential Geometry of Curves and Surfaces
MATH	356	Introduction to Mathematical Finance I
MATH	357	Introduction to Mathematical Finance II
MATH	371	Mathematical Modelling in the Life Sciences

MATH	372	Mathematical Modelling I
MATH	373	Mathematical Programming and Optimization I
MATH	381	Numerical Methods I
MATH	408	Computational Finance
MATH	411	Honors Complex Variables
MATH	412	Algebraic Number Theory
MATH	415	Mathematical Finance I
MATH	417	Honors Real Variables I
MATH	418	Honors Real Variables II
MATH	421	Combinatorics
MATH	422	Coding Theory
MATH	424	Algebra: Groups and Fields
MATH	428	Algebra: Advanced Ring Theory
MATH	429	Algebra: Advanced Group Theory
MATH	432	Intermediate Differential Equations
MATH	436	Intermediate Partial Differential Equations I
MATH	438	Intermediate Partial Differential Equations II
MATH	447	Elementary Topology
MATH	448	Introduction to Differential Geometry
STAT	265	Statistics I
STAT	266	Statistics II
STAT	276	Statistics for Data Science
STAT	337	Biostatistics
STAT	353	Life Contingencies I
STAT	361	Sampling Techniques
STAT	368	Introduction to Design and Analysis of Experiments
STAT	371	Probability and Stochastic Processes
STAT	372	Mathematical Statistics
STAT	378	Applied Regression Analysis
STAT	413	Computing for Data Science
STAT	432	Survival Analysis
STAT	437	Applied Statistical Methods
STAT	441	Statistical Methods for Learning and Data Mining
STAT	453	Risk Theory
STAT	471	Probability I
STAT	479	Time Series Analysis

FINAL Item No. 5C

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Computing Science, Faculty of Science
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Motion

<p>THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Computing Science courses for exclusion from the Exploration Credits policy.</p>
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Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Kenny Wong, Associate Chair Undergraduate, Department of Computing Science

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Computing Science has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>71 undergraduate Computing Science courses will be available to students for the exploration credit policy.</p> <p>We are asking that the following 36 undergraduate Computing Science courses be excluded from the policy.</p> <p>Reasons for exclusion include: supported by research funds, consent of instructor/department needed, group work, resource intensive, and enrollment pressure.</p> <p>Requested exclusions include the following:</p> <p>CMPUT 299 CMPUT 299A CMPUT 299B CMPUT 399 CMPUT 399A CMPUT 399B CMPUT 499</p>



Item No. 5C

	<p>CMPUT 499A COMPUT 499B COMPUT 250 COMPUT 301 COMPUT 302 COMPUT 333 COMPUT 350 COMPUT 391 COMPUT 401 COMPUT 402 COMPUT 404 COMPUT 414 COMPUT 415 COMPUT 416 COMPUT 429 COMPUT 461 COMPUT 469 INT D 350 INT D 450 INT D 491 COMPUT 274 COMPUT 275 COMPUT 312 COMPUT 411 COMPUT 412 COMPUT 428 COMPUT 200 COMPUT 300 COMPUT 403</p> <p>Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (attachment 1).</p>
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

Engagement and Routing (Include meeting dates)

<p>Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity)</p> <p><For information on the protocol see the Governance Resources section Student Participation Protocol></p>	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> ● Department of Computing Science ● Faculty of Science, Student Services ● Faculty of Science Associate Chairs (Undergraduate) Committee <p><u>Those who have been consulted:</u></p> <ul style="list-style-type: none"> ● Department of Computing Science curriculum committee (April 25, 2022) ● Department of Computing Science council (May 30, 2022 and February 15, 2023) ● Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
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Item No. 5C

	<u>Those who have been informed:</u> <ul style="list-style-type: none"> Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – March 30, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	Post-Secondary Learning Act	

Attachments (each to be numbered 1)

- Attachment 1 (2 page(s) - Computing Science Excluded Courses)
- Attachment 2 (3 page(s) - Computing Science Courses Permitted for Exploration Credit)

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Associate Chair (Undergraduate Studies), Kenny Wong, csacu@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Computing Science, Faculty of Science

We are asking that the following 30 undergraduate computing science courses be excluded from the policy.

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

Prefix	Code	Name	Additional notes
1	CMPUT 299	Topics in Computing Science	individual studies course
2	CMPUT 399	Topics in Computing Science	individual studies course, also option for Honors capstone (2024)
3	CMPUT 499	Topics in Computing Science	individual studies course, also option for Honors capstone (2024)

Consent of instructor/department/faculty needed

For this course, self-registration is not available to any student, rather the department registers the student. Courses requiring departmental/instructor approval should not be seen as "exploratory." Having students take this course as exploration credits can adversely affect the dynamics in these interactive courses.

Prefix	Code	Name	Additional notes
1	CMPUT 250	Computers and Games	also group work

Group work

These courses have a substantive percentage of the overall course grade based on group work. Given the reliance of each student's grade on group work, the main concern is that students taking the course for CR/NC may be less invested in group projects, which can adversely affect the learning experience as well as the grades of other students who are taking the course for credit. We could not guarantee the same engagement with course materials if students are completing them as CR/NC.

Prefix	Code	Name	Additional notes
1	CMPUT 301	Introduction to Software Engineering	also serves the Faculty of Engineering, enrollment pressure
2	CMPUT 302	Introduction to Human Computer Interaction	
3	CMPUT 333	Security in a Networked World	also enrollment pressure
4	CMPUT 350	Advanced Games Programming	
5	CMPUT 391	Database Management Systems	
6	CMPUT 401	Software Process and Product Management	also Honors capstone (2024)
7	CMPUT 402	Software Quality	
8	CMPUT 404	Web Applications and Architecture	also enrollment pressure
9	CMPUT 414	Introduction to Multimedia Technology	
10	CMPUT 415	Compiler Design	
11	CMPUT 416	Foundations of Program Analysis	
12	CMPUT 429	Computer Systems and Architecture	
13	CMPUT 461	Introduction to Natural Language Processing	
14	CMPUT 469	Artificial Intelligence Capstone	also Honors capstone (2024)
15	INT D 350	Game Design Principles and Practice	

16 INT D	450	Computers and Games
17 INT D	491	Data Science Capstone

Resource intensive

These courses have a high overall cost in terms of people-power or equipment needed. They require any combination of specialized equipment, complex lab set up, and/or intensive marking of assignments. The limited amount of specialized equipment restricts how much added enrollment could be handled in these courses.

Prefix	Code	Name	Additional notes
1 CMPUT	274	Introduction to Tangible Computing I	also serves the Faculty of Engineering
2 CMPUT	275	Introduction to Tangible Computing II	also serves the Faculty of Engineering
3 CMPUT	312	Introduction to Robotics and Mechatronics	also group work
4 CMPUT	411	Introduction to Computer Graphics	
5 CMPUT	412	Experimental Mobile Robotics	also group work
6 CMPUT	428	Computer Vision	

Enrollment pressure

In particular, CMPUT 200 or 300 will be needed for Computing Science students to meet a computing ethics requirement in the renewed Computing Science programs starting in 2024. CMPUT 403 will also be needed for Computing Science Honors students as a way to meet an Honors capstone requirement. Thus, these courses will be in very high demand given the inherently large enrolments in Computing Science programs. We must ensure that students who require these courses can enrol to successfully complete their programs in a timely manner. Students seeking exploration credits would put too much additional enrollment pressure that can lead to program delays. For example, CMPUT 300 already has a long watch list, and registration needs to be prioritized for students in the BSc Computing Science - Software Practice Option program.

Prefix	Code	Name	Additional notes
1 CMPUT	200	Ethics of Data Science and Artificial Intelligence	option to meet computing ethics requirement (2024)
2 CMPUT	300	Computers and Society	option to meet computing ethics requirement (2024)
3 CMPUT	403	Algorithmics in Competitive Programming	option for Honors capstone (2024)



Faculty of Science,
College of Natural & Applied Sciences

Attachment 2

Computing Science undergraduate courses approved for exploration credits.

Prefix	Code	Name
CMPUT	101	Introduction to Computing
CMPUT	174	Introduction to the Foundations of Computation I
CMPUT	175	Introduction to the Foundations of Computation II
CMPUT	191	Introduction to Data Science
CMPUT	195	Introduction to Principles and Techniques of Data Science
CMPUT	201	Practical Programming Methodology
CMPUT	204	Algorithms I
CMPUT	206	Introduction to Digital Image Processing
CMPUT	210	Codes, Codemakers, Codebreakers: An Introduction to Cryptography
CMPUT	229	Computer Organization and Architecture I
CMPUT	256	Game Artificial Intelligence
CMPUT	261	Introduction to Artificial Intelligence
CMPUT	267	Basics of Machine Learning
CMPUT	272	Formal Systems and Logic in Computing Science
CMPUT	291	Introduction to File and Database Management
CMPUT	296	Topics in Computing Science
CMPUT	296A	Topics in Computing Science
CMPUT	296B	Topics in Computing Science
CMPUT	297	Topics in Computing Science
CMPUT	297A	Topics in Computing Science
CMPUT	297B	Topics in Computing Science
CMPUT	298	Topics in Computing Science
CMPUT	298A	Topics in Computing Science
CMPUT	298B	Topics in Computing Science



CMPUT	299A	Topics in Computing Science
CMPUT	299B	Topics in Computing Science
CMPUT	303	Practical Algorithmics
CMPUT	304	Algorithms II
CMPUT	307	3D Modeling and Animation
CMPUT	308	Video Processing and Applications
CMPUT	313	Computer Networks
CMPUT	325	Non-Procedural Programming Languages
CMPUT	328	Visual Recognition
CMPUT	329	Computer Organization and Architecture II
CMPUT	331	Computational Cryptography
CMPUT	340	Introduction to Numerical Methods
CMPUT	355	Games, Puzzles, Algorithms
CMPUT	361	Introduction to Information Retrieval
CMPUT	365	Introduction to Reinforcement Learning
CMPUT	366	Search and Planning in Artificial Intelligence
CMPUT	367	Intermediate Machine Learning
CMPUT	379	Operating System Concepts
CMPUT	382	Introduction to GPU Programming
CMPUT	396	Topics in Computing Science
CMPUT	396A	Topics in Computing Science
CMPUT	396B	Topics in Computing Science
CMPUT	397	Topics in Computing Science
CMPUT	397A	Topics in Computing Science
CMPUT	397B	Topics in Computing Science
CMPUT	398	Topics in Computing Science
CMPUT	398A	Topics in Computing Science
CMPUT	398B	Topics in Computing Science
CMPUT	399A	Topics in Computing Science



CMPUT	399B	Topics in Computing Science
CMPUT	455	Search, Knowledge and Simulation
CMPUT	463	Probabilistic Graphical Models
CMPUT	466	Machine Learning
CMPUT	474	Formal Languages, Automata, and Computability
CMPUT	481	Parallel and Distributed Systems
CMPUT	495	Honors Seminar
CMPUT	496	Topics in Computing Science
CMPUT	496A	Topics in Computing Science
CMPUT	496B	Topics in Computing Science
CMPUT	497	Topics in Computing Science
CMPUT	497A	Topics in Computing Science
CMPUT	497B	Topics in Computing Science
CMPUT	498	Topics in Computing Science
CMPUT	498A	Topics in Computing Science
CMPUT	498B	Topics in Computing Science
CMPUT	499A	Topics in Computing Science
CMPUT	499B	Topics in Computing Science

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Earth and Atmospheric Sciences, Faculty of Science
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Motion

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of EAS courses for exclusion from the Exploration Credits policy.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Department of Earth and Atmospheric Sciences

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)															
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy															
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Earth and Atmospheric Sciences (EAS) has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>38 undergraduate EAS courses will be available to students for the exploration credit policy.</p> <p>We are asking that the following 38 undergraduate EAS courses are excluded from the policy.</p> <p>Reasons for exclusion include resource-intensive and field-based courses, professional certification restrictions, enrollment pressure in high-demand courses, restrictive funding structures and/or the course includes senior level labs or lengthy prerequisite chains.</p> <p>Requested exclusions include the following:</p> <table border="0"> <tr> <td>EAS</td> <td>110</td> <td>Earth Science Field School</td> </tr> <tr> <td>EAS</td> <td>234</td> <td>Geology Field School</td> </tr> <tr> <td>EAS</td> <td>333</td> <td>Advanced Geology Field School</td> </tr> <tr> <td>EAS</td> <td>354</td> <td>Environmental Earth Science Field School</td> </tr> <tr> <td>PALEO</td> <td>400</td> <td>Paleontology Field School</td> </tr> </table>	EAS	110	Earth Science Field School	EAS	234	Geology Field School	EAS	333	Advanced Geology Field School	EAS	354	Environmental Earth Science Field School	PALEO	400	Paleontology Field School
EAS	110	Earth Science Field School														
EAS	234	Geology Field School														
EAS	333	Advanced Geology Field School														
EAS	354	Environmental Earth Science Field School														
PALEO	400	Paleontology Field School														



Item No. 5D

EAS	421	Structural Geology and Tectonics
EAS	422	Structural Interpretation of Sedimentary Basins
EAS	425	Contaminant Hydrogeology
EAS	451	Digital Remote Sensing
EAS	456	Hydrologic Modeling
EAS	460	Geobiology
EAS	461	Advanced Petrology: Diamond Exploration
EAS	462	Stratigraphy and Sedimentary Basins
EAS	464	Applied Hydrocarbon Geoscience
EAS	465	Sedimentology
EAS	466	Petrogenesis
EAS	467	Planetary Geology
EAS	468	Geochemical Processes
EAS	470	Clouds and Storms
EAS	471	Atmosphere-Ocean-Climate Modelling
EAS	210	Engineering Earth Science
EAS	222	Stratigraphy and Sedimentation (for Engineering Students)
PALEO	412	Selected Topics in Paleontology
EAS	432	Precambrian Geology
EAS	457	Global Change
EAS	458	Cold Regions Geoscience
EAS	475	Atmosphere-Ocean Dynamics
PALEO	414	Paleontology
PALEO	418	Paleobiology of the Vertebrates I
PALEO	419	Paleobiology of the Vertebrates II
EAS	324	Quaternary Geoscience and Terrain Analysis
EAS	327	Environmental Instrumentation
EAS	426	Undergraduate Thesis
EAS	427	Directed Study I
EAS	428	Directed Study II
EAS	429	Practical Study in Earth and Atmospheric Science
EAS	372	Weather Analysis and Forecasting
EAS	200	Introductory Studies in Earth Science

Item No. 5D

	Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (attachment 1)
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

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>Those who are actively participating:</u> <ul style="list-style-type: none"> • Department of Earth & Atmospheric Sciences • Faculty of Science, Student Services • Faculty of Science Associate Chairs (Undergraduate) Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> • EAS council (Feb 14, 2023) • Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<u>Those who have been informed:</u> <ul style="list-style-type: none"> • Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – March 30, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>	

Attachments (each to be numbered 1)

1. Attachment 1 (Department of EAS Excluded courses)

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Associate Chair (Undergraduate Studies), Murray Gingras, mgingras@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Earth and Atmospheric Sciences (EAS), Faculty of Science

We are asking that the following 38 undergraduate EAS courses are excluded from the policy.

Field Schools

These are resource-intensive field courses that involve a significant administrative/logistical load, that are limited in terms of available seats for logistical reasons, and most of which are subsidized by endowment funds that specify that they are for students in the EAS programs.

	Prefix	Code	Name	Additional notes
1	EAS	110	Earth Science Field School	enrollment pressure (limited seats and already always maxed)
2	EAS	234	Geology Field School	subsidized by an endowment
3	EAS	333	Advanced Geology Field School	subsidized by an endowment
4	EAS	354	Environmental Earth Science Field School	subsidized by an endowment
5	PALEO	400	Paleontology Field School	

Senior Labs

These are senior level courses with labs that each build upon a significant chain of prerequisites and require in-depth familiarity with EAS laboratory methods and instrumentation. They typically have low to medium enrollment and are resource-intensive per student because of laboratory space and instrumentation. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as exploratory and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	EAS	421	Structural Geology and Tectonics	
2	EAS	422	Structural Interpretation of Sedimentary Basins	
3	EAS	425	Contaminant Hydrogeology	
4	EAS	451	Digital Remote Sensing	
5	EAS	456	Hydrologic Modeling	
6	EAS	460	Geobiology	
7	EAS	461	Advanced Petrology: Diamond Exploration	
8	EAS	462	Stratigraphy and Sedimentary Basins	
9	EAS	464	Applied Hydrocarbon Geoscience	
10	EAS	465	Sedimentology	
11	EAS	466	Petrogenesis	
12	EAS	467	Planetary Geology	
13	EAS	468	Geochemical Processes	
14	EAS	470	Clouds and Storms	
15	EAS	471	Atmosphere-Ocean-Climate Modelling	

Professional certification and enrolment pressure

These courses serve the Faculty of Engineering. The primary reason for a student taking these courses is to meet the requirements for professional certification. Allowing students to declare these courses as exploration credits would undermine the eligibility of these courses to be used in accredited programs.

These courses are also in high demand given the large enrolments in Engineering and remain under enrolment pressure. We must ensure that students whose programs require these courses can enrol to successfully complete their programs in a timely manner.

Prefix	Code	Name	Additional notes
1 EAS	210	Engineering Earth Science	
2 EAS	222	Stratigraphy and Sedimentation (for Engineering Students)	

Consent of instructor/department/faculty needed

For these courses, self-registration is not available to any student, rather the department registers the student. Courses requiring departmental/instructor approval should not be seen as "exploratory." Having students take this course as exploration credits can adversely affect the dynamics in these interactive courses.

Prefix	Code	Name	Additional notes
1 PALEO	412	Selected Topics in Paleontology	

Senior advanced courses that build on foundational EAS courses

These are senior level courses that build on numerous foundational courses in the EAS programs and are meant to develop in-depth knowledge. Such advanced courses should not be viewed as exploratory and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

Prefix	Code	Name	Additional notes
1 EAS	432	Precambrian Geology	
2 EAS	457	Global Change	
3 EAS	458	Cold Regions Geoscience	
4 EAS	475	Atmosphere-Ocean Dynamics	
5 PALEO	414	Paleontology	
6 PALEO	418	Paleobiology of the Vertebrates I	
7 PALEO	419	Paleobiology of the Vertebrates II	

Resource intensive and/or group work

These courses, mostly 400-level, either involve a significant time and resource commitment from individual faculty who design and supervise projects and provide analytical equipment and support, or involve students working in small collaborative groups, or both.

Prefix	Code	Name	Additional notes
1 EAS	324	Quaternary Geoscience and Terrain Analysis	
2 EAS	327	Environmental Instrumentation	
3 EAS	426	Undergraduate Thesis	
5 EAS	427	Directed Study I	
7 EAS	428	Directed Study II	
8 EAS	429	Practical Study in Earth and Atmospheric Science	

Suspended course

This course has been suspended, is not being offered, and is not planned to be offered.

Prefix	Code	Name	Additional notes
1 EAS	372	Weather Analysis and Forecasting	

Other

This is a standalone laboratory course, designed in order to "upgrade" EAS 201 to render it equivalent to EAS 100 for prerequisite purposes, with the sole rationale being for undergraduate students who need it as a prerequisite to transfer into the EAS programs. There is no rationale for taking this course for exploratory purposes.

	Prefix	Code	Name	Additional notes
1	EAS	200	Introductory Studies in Earth Science	

Faculty of Science,
College of Natural & Applied Sciences

Attachment 2

Physics undergraduate courses approved for exploration credits

Prefix	Code	Name
EAS	100	Planet Earth
EAS	105	The Dynamic Earth Through Time
EAS	201	Earth Science I
EAS	202	Violent Weather
EAS	204	The Geology of Your Environment
EAS	205	Violent Earth: The Geology of Catastrophic Events
EAS	206	Geology of the Solar System
EAS	207	Mass Extinctions and Vertebrate Evolution
EAS	208	Introduction to Global Change
EAS	209	Geology of Western Canada and the National and Provincial Parks
EAS	212	The Oceans
EAS	215	Introduction to Arctic Environments and Climate
EAS	221	Introduction to Geographical Information Systems and Remote Sensing
EAS	222	Stratigraphy and Sedimentation
EAS	224	Mineralogy I
EAS	225	Earth Surface Processes and Landforms
EAS	230	Introduction to Invertebrate Paleontology
EAS	232	Mineralogy II
EAS	233	Geologic Structures
EAS	237	Geological Field Techniques
EAS	250	Biogeography
EAS	270	The Atmosphere
EAS	320	Geochemistry I



EAS	323	Introduction to Hydrogeology
EAS	331	Igneous Petrology
EAS	332	Metamorphic Petrology
EAS	336	Sedimentary Systems
EAS	351	Environmental Applications of Geographical Information Systems
EAS	364	Basin Resources and Subsurface Methods
EAS	368	Ore Deposits Geology
EAS	370	Applied Atmospheric Physics
EAS	371	Dynamics of the Atmosphere and Ocean I
EAS	373	The Climate System
PALEO	200	Introduction to Dinosaurs in the Fossil Record
PALEO	201	Dinosaurs in the Fossil Record
PALEO	202	Early Vertebrate Evolution
PALEO	203	Ancient Marine Reptiles
PALEO	204	Theropod Dinosaurs and the Origin of Birds

*Note,

Attachment 1 outlines the courses we have requested for exemption along with the reasons.

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Biological Sciences , Faculty of Science
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Motion

<p>THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Biological Sciences courses for exclusion from the Exploration Credits policy.</p>
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Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Corey Davis on behalf of Maya Evenden, Associate Chair Undergraduate, Biological Sciences

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Biological Sciences has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>38 undergraduate Biological Sciences courses will be available to students for the exploration credit policy.</p> <p>We are asking that 87 undergraduate Biological Sciences courses are excluded from the policy.</p> <p>Reasons for exclusion include, restrictive funding structures (endowment or research funds), enrolment pressures in high demand courses, courses with significant group work, courses that are resource intensive and/or courses that have senior level labs.</p> <p>Requested exclusion include the following</p> <p>BIOIN 301</p> <p>BIOIN401</p> <p>BIOL 107</p> <p>BIOL 108</p>



Item No. 5E

BIOL 207
BIOL 208
BIOL 298
BIOL 299
BIOL 310
BIOL 330
BIOL 331
BIOL 332
BIOL 333
BIOL 343
BIOL 391
BIOL 392
BIOL 395
BIOL 398
BIOL 399
BIOL 421
BIOL 430
BIOL 433
BIOL 434
BIOL 440
BIOL 442
BIOL 445
BIOL 468
BIOL 471
BIOL 490
BIOL 495
BIOL 496
BIOL 497
BIOL 498
BIOL 499
BOT 205
BOT 306
BOT 308
BOT 314



Item No. 5E

BOT 321
BOT 330
BOT 332
BOT 340
BOT 411
ENT 220
ENT 222
ENT 327
ENT 401
GENET 270
GENET 375
GENET 420
GENET 422
GENET 424
IMIN 200
IMIN 372
IMIN 410
IMIN 452
MA SC 400
MA SC 401
MA SC 402
MA SC 403
MA SC 410
MA SC 412
MA SC 415
MA SC 425
MA SC 430
MA SC 437
MA SC 475
MICRB 265
ZOOL 224
ZOOL 250
ZOOL 303
ZOOL 325

Item No. 5E

	ZOOL 340 ZOOL 344 ZOOL 350 ZOOL 351 ZOOL 352 ZOOL 370 ZOOL 371 ZOOL 402 ZOOL 405 ZOOL 406 ZOOL 407 ZOOL 408 ZOOL 441 ZOOL 442 ZOOL 452 Requested exclusions are provided on attachment #1 which includes a detailed breakdown of the associated reasons.
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

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>Those who are actively participating:</u> <ul style="list-style-type: none"> • Department of Biological Sciences • Faculty of Science, Student Services • Faculty of Science Associate Chairs (Undergraduate) Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> • Undergraduate Curriculum Committee (Mar 3) • Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<u>Those who have been informed:</u> <ul style="list-style-type: none"> • Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – May 4, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.



Item No. 5E

	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>	

Attachments (each to be numbered 1)

- Attachment 1 (3 pages) - Department of Biological Sciences Excluded courses

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

FSO, Biological Sciences Corey Davis, cordavis@ualberta.ca

Associate Chair (Undergraduate Studies), Maya Evenden, bioacu@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Biological Sciences, Faculty of Science

After a thorough review of courses offered by the department we have permitted a range of courses at varying levels and topics to be available for exploration credit. These include the following:

BIOL 201, BIOL 221, BIOL 315, BIOL 322, BIOL 335, BIOL 341, BIOL 361, BIOL 364, BIOL 366, BIOL 367, BIOL 380, BIOL 381, BIOL 409, BOT 303, BOT 380, ENT 101, ENT 392, GENET 301, GENET 302, GENET 304, GENET 305, GENET 364, GENET 390, GENET 412, GENET 415, GENET 418, IMIN 371, IMIN 401, IMIN 405, IMIN 414, MICRB 311, MICRB 315, MICRB 316, MICRB 423, ZOOL 241, ZOOL 242, ZOOL 342, ZOOL 343

The courses listed below are for exclusion:

Courses under enrolment pressure

The demand for the courses on this list is overwhelmingly high such that it is already difficult for students to register. This demand is so high that for many, we first open registration to students who need these specific courses for their programs. These course/sections have long waitlists. We must ensure that students whose programs require these courses can enrol to successfully complete their programs in a timely manner. Given that normally there are already too many students waiting to take this course, students seeking exploration credits would put too much additional enrollment pressure that can lead to program delays for other students.

	Prefix	Code	Name	Additional notes
1	BIOIN	301	Bioinformatics I	
2	BIOL	107	Introduction to Cell Biology	and resource intensive
3	BIOL	207	Molecular Genetics and Heredity	and resource intensive
4	BIOL	208	Principles of Ecology	and resource intensive
5	BIOL	310	Biology of Aging	
6	BOT	205	Fundamentals of Plant Biology	and resource intensive
7	GENET	270	Foundations of Molecular Genetics	
8	IMIN	200	Infection and Immunity	
9	MICRB	265	General Microbiology	and resource intensive
10	ZOOL	340	Comparative Environmental Physiology	

Courses subsidized through endowment

MA SC courses are offered at the [Bamfield Marine Science Centre \(BMSC\)](#), which is located in Bamfield, British Columbia. BMSC offers courses via five Canadian Universities that provide annual fees to BMSC. These courses are designed for upper level undergraduate and graduate students. Students must apply to BMSC, who determine which students are eligible to enrol in these courses. These courses are designed for students seeking an immersive experience in marine science and should not be seen as "exploratory."

	Prefix	Code	Name	Additional notes
1	MA SC	400	Directed Studies	
2	MA SC	401	Special Topics in Marine Biology	
3	MA SC	402	Special Topics in Marine Biology	
4	MA SC	403	Directed Studies in Marine Science	
5	MA SC	410	Marine Invertebrate Zoology	
6	MA SC	412	Biology of Fishes	
7	MA SC	415	Structure and Function in Animals	
8	MA SC	425	Ecological Adaptations of Seaweeds	
9	MA SC	430	Marine Ecology	
10	MA SC	437	Marine Population Ecology and Dynamics	
11	MA SC	475	Applied Data Analysis in Marine Science	

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of our Department. Supervisors provide any supplies and cover all costs of conducting research. Further, graduate students often mentor undergraduates in these courses (e.g., BIOL 699 is a graduate mentorship course for undergraduate registered in BIOL 399 or 499). BIOL 499 is a two-semester course that is required for students in all of our honors programs. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment of lab's in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	BIOL	298	Understanding Biological Research	
2	BIOL	299	Research Opportunity	
3	BIOL	398	Research Project	
4	BIOL	399	Research Project	
5	BIOL	490	Individual Study	

6	BIOL	495	Special Topics in Biology
7	BIOL	496	Special Topics in Biology
8	BIOL	497	Special Topics in Biology
9	BIOL	498	Research Project
10	BIOL	499	Research Project

Resource intensive

These courses have a high overall cost in terms of supplies needed and/or people-power. They require any combination of specialized equipment, access to biological samples, complex lab set up and/or intensive marking of assignment. Learning of the biological sciences is mainly achieved by ensuring students conduct science rather than simply learn about topics in a lecture setting.

	Prefix	Code	Name	Additional notes
1	BIOL	108	Introduction to Biological Diversity	
2	ENT	220	Insect Biology	
3	ENT	222	Insects in Managed Ecosystems	
4	ZOOL	224	Vertebrate Diversity	
5	ZOOL	250	Survey of the Invertebrates	

Group work

These courses have a substantive percentage of the overall course grade based on group work (e.g., 50% or more of total course mark relies on extensive group work). Given the reliance of each student's grade on group work, the main concern is that students taking the course for CR/NC may be less invested in group projects, which can adversely affect the learning experience as well as the grades of other students who are taking the course for credit. We could not guarantee the same engagement with course materials if students are completing them as CR/NC.

	Prefix	Code	Name	Additional notes
1	BIOL	332	Community Ecology	
2	BIOL	433	Plant Animal Interactions	enrolment pressure as well
3	BIOL	434	Chemical Ecology	
4	BIOL	440	Watershed Ecohydrology	
5	BIOL	442	Global Biogeochemical Cycles	
6	BIOL	445	Current Topics in Animal and Cell Physiology	
7	BIOL	468	Topics in Conservation Biology	
8	BIOL	471	Landscape Ecology	
9	ENT	401	Current Topics in Arthropod Biology	
10	GENET	422	Current Topics in Developmental Genetics	
11	GENET	424	Ethical Issues in Genetics	
12	IMIN	452	Advanced Immunology	
13	ZOOL	352	Principles of Parasitism	
14	ZOOL	402	Current Topics in Developmental Biology	
15	ZOOL	441	Current Topics on Homeostasis	
16	ZOOL	442	Current Topics in Intercellular Communication	
17	ZOOL	452	Topics in Parasitology	

Senior Labs

These are senior level courses with a lab, or a course that is entirely lab based. They require in-depth familiarity with Biological Sciences laboratory methods and instrumentation. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	BIOIN	401	Bioinformatics II	
2	BIOL	330	Introduction to Biological Data	
3	BIOL	331	Population Ecology	
4	BIOL	333	Wetland Science and Management	
5	BIOL	343	Techniques for Macromolecular Characterization	
6	BIOL	391	Techniques in Molecular Biology and Bioinformatics	
7	BIOL	392	Laboratory Techniques in Molecular Ecology and Systematics	
8	BIOL	395	Field Course in Biology	
9	BIOL	421	Molecular Evolution and Systematics	
10	BIOL	430	Statistical Design and Analysis in Biology	
11	BOT	306	Biology of the Fungi	
12	BOT	308	Plant Anatomy	
13	BOT	314	Biology of Bryophytes	

14	BOT	321	Plant Diversity and Evolution	
15	BOT	330	Biodiversity and Ecosystem Function of Algae	
16	BOT	332	Plant Ecology	
17	BOT	340	Plant Physiology	
18	BOT	411	Paleobotany	
19	ENT	327	Terrestrial Arthropod Diversity	
20	GENET	375	Introduction to Molecular Genetics techniques	
21	GENET	420	Research Techniques in Molecular Genetics	
22	IMIN	372	Research Techniques in Immunology	
23	IMIN	410	Bioinformatics for Molecular Biologists	
24	MICRB	392	Environmental Microbiology Laboratory	This course is also not offered
25	ZOOL	303	Animal Developmental Biology	
26	ZOOL	325	Comparative Anatomy of the Vertebrates	
27	ZOOL	344	Laboratory Exercises in Animal Physiology	
28	ZOOL	350	Biology and Evolution of Invertebrates	
29	ZOOL	351	Freshwater Invertebrate Diversity	
30	ZOOL	370	Ethological Mechanisms	
31	ZOOL	371	Behavioral Ecology	
32	ZOOL	405	Biology of Fishes	
33	ZOOL	406	Biology of Amphibians and Reptiles	
34	ZOOL	407	Biology of Birds	
35	ZOOL	408	Biology of Mammals	

Courses Suspended or no longer offered

These are courses that are either suspended or no longer offered. As such, they are not available for any student to take either for letter grade or CR/NC.

	Prefix	Code	Name	Additional notes
1	BIOL	365	Methods in Freshwater Ecology	Suspended
2	BIOL	432	Field Methods in Ecology	Suspended
3	BOT	322	Field Botany	Suspended
4	BOT	445	Molecular Plant Physiology	Course not offered
5	BOT	464	Plant Functional Genomics	Course not offered
6	ENT	378	Insect Pathology	Course not offered
7	MICRB	491	Environmental Microbiology	Course not offered

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Department of Psychology, Faculty of Science
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Motion

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Department of Psychology courses for exclusion from the Exploration Credits policy.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science and Wendy Hoglund, Associate Chair Undergraduate, Department of Psychology

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Department of Psychology has conducted their own internal consultation in addition to faculty level discussions surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>31 undergraduate Psychology courses will be available to students for the exploration credit policy.</p> <p>We are asking that the following 9 undergraduate Psychology courses are excluded from the policy.</p> <p>Reasons for exclusion include enrolment pressure in high-demand courses, and courses restricted to the Honors program.</p> <p>Requested exclusions include the following:</p> <p>PSYCH 299 PSYCH 309 PSYCH 390 PSYCH 396 PSYCH 409</p>

Item No. 5F

	PSYCH 496 PSYCH 499 PSYCH 499A PSYCH 499B Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (attachment 1)
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

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>Those who are actively participating:</u> <ul style="list-style-type: none"> • Department of Psychology • Faculty of Science, Student Services • Faculty of Science Associate Chairs (Undergraduate) Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> • Department of Psychology • Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<u>Those who have been informed:</u> <ul style="list-style-type: none"> • Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – May 4, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>	

Attachments (each to be numbered 1)



Item No. 5F

1. Attachment 1 - Department of Psychology Excluded courses

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Associate Chair (Undergraduate Studies), Wendy Hogg, hogg@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Department of Psychology, Faculty of Science

We are asking that the following 9 undergraduate psychology courses are excluded from the policy.

Courses supported by research funds & in high demand (enrollment pressure)

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Psychology is particularly challenged with meeting the demands for these courses, given the small number of available supervisors, compared to the large number of student requests. Enrollment in these courses is restricted to students who have committed to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	PSYCH	299	Research Opportunity Program in Psychology	requires departmental consent
2	PSYCH	396	Individual Research	requires departmental consent
3	PSYCH	496	Individual Research	requires departmental consent

Restricted to the Honors Program

These courses are specific requirements for the Honors program, and enrollment is restricted to Honors students.

	Prefix	Code	Name	Additional notes
1	PSYCH	309	Honors Seminar I	
2	PSYCH	390	Honors Thesis I: Research Apprenticeship	
3	PSYCH	409	Honors Seminar II	
4	PSYCH	499	Honors Thesis II: Thesis Research	
5	PSYCH	499A	Honors Thesis II: Thesis Research	
6	PSYCH	499B	Honors Thesis II: Thesis Research	

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Course Exclusions from the Exploration Credits Policy, Faculty of Science
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Motion

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the attached list of Faculty of Science courses for exclusion from the Exploration Credits policy.
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Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fred West, Dean, Faculty of Science
Presenter(s)	Jocelyn Hall, Associate Dean Undergraduate, Faculty of Science

Details

Office of Administrative Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The Faculty of Science requests that the courses listed in this proposal be excluded from the Exploration Credit policy
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>While the Faculty of Science supports the new exploration credits policy by offering a range of courses covering a variety of topics and at varying levels, there are key courses that we would like to exclude from the policy.</p> <p>The Faculty of Science has conducted their own internal consultation surrounding undergraduate courses that will be included and excluded from the policy.</p> <p>We are asking that the following 15 miscellaneous Science courses (governed by the faculty) are excluded from the policy.</p> <p>Reasons for exclusion are varied as these include INTD courses being used for special projects, courses designed for certificates and work experience courses.</p> <p>Requested exclusions include the following:</p> <p>WKEXP 931 WKEXP 932 WKEXP 933 WKEXP 934 INT D 200 INT D 240 INT D 350 INT D 406</p>

Item No. 5G

	INT D 440 INT D 450 INT D 491 WKEXP 955 WKEXP 956 WKEXP 957 WKEXP 958 Please see the attached summary for a detailed breakdown of these reasons and the courses impacted. (attachment 1)
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

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>Those who are actively participating:</u> <ul style="list-style-type: none"> ● Faculty of Science, Student Services ● Faculty of Science Associate Chairs (Undergraduate) Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> ● Faculty of Science Associate Chairs (Undergraduate) Committee (February 3, 2023)
	<u>Those who have been informed:</u> <ul style="list-style-type: none"> ● Faculty of Science Associate Chairs (Undergraduate) Committee
Approval Route (Governance) (including meeting dates)	Programs Support Team – May 4, 2023 GFC Programs Committee – May 18, 2023

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Core Risk Area	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input checked="" 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 type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	<i>Post-Secondary Learning Act</i>	

Attachments (each to be numbered 1)

Item No. 5G

1. Attachment 1 (2 pages) - Faculty of Science Excluded courses)

Prepared by: the following:

Associate Dean Undergraduate, Jocelyn Hall, sciadu@ualberta.ca

Manager Undergraduate Programs, Shennella Blake, shennella.blake@ualberta.ca

Courses submitted for exclusion from Exploration Credit

Faculty of Science

We are asking that the following 29 courses are excluded from the policy.

Required for the a multi-institution research experience program

This course is for a multi-institution research experience program called EXPLORE (The program connects students with research projects at different universities with an integrated program that runs from October to March) It is limited to participants of this specific research project and runs off-cycle.

Prefix	Code	Name	Additional notes
1 INT D	200	Topics in Interdisciplinary Studies	Currently used for the EXPLORE research program in Physics

Required for embedded certificate, requires group work and enrolment is limited

These courses have been designed for the embedded certificates with limited enrolment and group work. Given the reliance of grade on group work, the main concern is that students taking the course for CR/NC would not be as invested in group projects. We could not guarantee the same engagement with course materials and community projects if students are completing them as CR/NC. INTD 491 specifically is also a capstone project course and cannot be open to anyone outside of the certificate.

Prefix	Code	Name	Additional notes
1 INT D	240	Scientific and Human Aspects of Global Issues	Designed for the Certificate in Engaged Leadership and Citizenship in Arts and Science
2 INT D	406	Innovation, Science and Leadership	Designed for the Certificate in Interdisciplinary Leadership Studies offered by the Peter Lougheed Leadership College
3 INT D	450	Computers and Games	Team based, designed for the Computing game design certificate that is currently over-subscribed. 160 applications for 40 seats.
4 INT D	491	Data Science Capstone	Designed for the Certificate in Applied Data Science (taken once all other certificate requirements have been completed)

Consent of instructor/department/faculty needed

Self-registration is not available to students; department or Faculty registers the student. Examples are Reading Courses / Directed Studies Courses, CMPUT 250 (instructor interviews student and only admits certain students), etc. Courses requiring departmental/instructor approval should not be seen as "exploratory." Having students take these courses as exploration credits can adversely affect the dynamics in these interactive courses.

Prefix	Code	Name	Additional notes
1 INT D	440	Peer Mentorship: Learning to Lead in Teaching	Enrollment is by consent of the Faculty of Science and requires a formal application.
2 INT D	350	Game Design Principles and Practice	Designed for the Computing game certificate, Requires group work and consent of the department

Work Experience courses- Consent of department/faculty needed

These courses are taken by students who must apply to and be accepted into the Science Internship Program. Registration is closed. These are also CR/NC

	Prefix	Code	Name	Additional notes
1	WKEXP	931	Psychology Work Experience I	Consent of department needed
2	WKEXP	932	Psychology Work Experience II	Consent of department needed
3	WKEXP	933	Psychology Work Experience III	Consent of department needed
4	WKEXP	934	Psychology Work Experience IV	Consent of department needed
5	WKEXP	955	Science Work Experience I	Consent of faculty needed
6	WKEXP	956	Science Work Experience II	Consent of faculty needed
7	WKEXP	957	Science Work Experience III	Consent of faculty needed
8	WKEXP	958	Science Work Experience IV	Consent of faculty needed



Decision **Discussion** **Information**

ITEM OBJECTIVE: Approval of list of courses to be excluded from the Exploration Credit Program

DATE	May 18, 2023
TO	Programs Committee
RESPONSIBLE PORTFOLIO	Faculty of Native Studies

MOTION:

THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Faculty of Native Studies courses to be excluded from the Exploration Credit Program

EXECUTIVE SUMMARY: The Faculty of Native Studies is a small faculty offering between 35-40 academic courses per year to our students and our program partner students (i.e. three combined degrees). A number of our courses are in high demand from our students (e.g. Cree language); offer specialized training for our students (methodology courses specifically oriented to Indigenous Studies as a discipline); are resource intensive and/or rely on the capacities of community partners (practicums and capstones); and/or require academic preparation in lower-level years (e.g. fourth-year seminars). While we have been assured that we will not see a sudden jump in enrolment through the Exploration Credit Program, uncertainty on this point as well as the above-mentioned constraints have led us to prepare a list of nine courses for exclusion from the Exploration Credit Program.

Supporting Materials: See attachment 1, Faculty of Native Studies, Exploration Credit Program, Course Exclusions List (February 22, 2023).

SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Faculty of Native Studies - Senior Leadership Team

Those who have been consulted:

- Faculty of Native Studies – Academic Affairs Committee

GOVERNANCE OUTLINE



ITEM NO. 6

Those who have been **informed**:

- NA

Approval Route:

- Faculty of Native Studies - Senior Leadership Team
- Faculty of Native Studies – Academic Affairs Committee

Supplementary Notes / Context:

NA

2-31 Pembina Hall
Edmonton, Alberta, Canada T6G 2H8
Tel: 780.492.2991
Fax: 780.492.0527
nativestudies@ualberta.ca
www.ualberta.ca/nativestudies

February, 22, 2023

**FACULTY OF NATIVE STUDIES
EXPLORATION CREDIT PROGRAM
COURSE EXCLUSIONS LIST**

Faculty: Native Studies	
Courses (course subject and number)	Rationale for exemption
NS 290 - Intro to Res and Inquiry	Research methodology training specific to Indigenous Studies (course required for our students)
NS 390 - Research Methods in NS	Research methodology training specific to Indigenous Studies (course required for our students)
NS 152 - Intro Cree	Cree language - high demand from NS students & limited enrolment required for quality language instruction
NS 252 - Intermediate Cree	Cree language - high demand from NS students & limited enrolment required for quality language instruction
NS 352 - Advanced Cree	Cree language - high demand from NS students & limited enrolment required for quality language instruction
NS 450 - Practicum in Indigenous Studies	community partner capacity
NS 430 - Indigenous Gov & Partnership Capstone (practicum)	community partner capacity
Any Walls to Bridges course - excluded no matter the course number	community partner capacity
400-level courses	Fourth-year seminars require extensive background knowledge of Indigenous Studies

Faculty-level Consultation:

Faculty of Native Studies - Senior Leadership Team (consultation and approval granted)

Faculty of Native Studies – Academic Affairs Committee (consultation)

Approved with delegated authority from the Dean (Acting), Faculty of Native Studies:



Dr. Sean Robertson
Associate Dean (Academic)
Faculty of Native Studies



Decision **Discussion** **Information**

ITEM OBJECTIVE:

This proposal is before the committee to request approval of the list of Undergraduate Biochemistry course exclusions to Exploration Credits proposed by the Faculty of Medicine and Dentistry

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Biochemistry courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in Attachment 1.

EXECUTIVE SUMMARY:

The Faculty of Medicine & Dentistry recognizes the benefits of the new Exploration Credits Policy and supports the greater opportunity for undergraduate learners to explore interdisciplinary subjects outside their program of study with mitigated risk of harm to their overall GPA. The FoMD is home to a number of departments that work closely with the Faculty of Science and provide course instruction to undergraduate students in Science programs in addition to undergraduate students in FoMD programs.

The Department of Biochemistry has undertaken internal consultations as well as discussions in collaboration with the Faculty of Science, and within the FoMD to determine the courses being proposed for exclusion from exploration credit. The rationale for requesting these exclusions include courses that are supported directly by research funds, are senior level courses that are lab-based, or are generally not available to students outside of Honors and Specialization programs. Nine of the sixteen biochemistry courses included in this list of exclusions require consent of the Department in order to register.

There are 21 total undergraduate courses typically offered by the Department of Biochemistry, and 4 courses will remain available for exploration credit. 2 of these courses are already CR/NC

Supporting Materials:

1. List of Biochemistry Course Exclusions



SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Dr. Jonathan Parrish, Undergraduate Program Co-Coordinator, Biochemistry
- Dr. Adrienne Wright, Undergraduate Program Co-Coordinator, Biochemistry

Those who have been consulted:

- Department of Biochemistry (February 21, 2023)
- Associate Dean Undergraduate, Faculty of Science, Dr. Gerda DeVries, sciadu@ualberta.ca
- Associate Dean Undergraduate, Faculty of Science, Jocelyn Hall, sciadu@ualberta.ca
- Manager Undergraduate Programs, Faculty of Science, Shennella Blake, shennella.blake@ualberta.ca
- Acting Vice-Dean, Education, FoMD – Dr. Mia Lang, mlang@ualberta.ca

Those who have been informed:

- Faculty of Science Associate Chairs (Undergraduate) Committee

Courses submitted for exclusion from Exploration Credit

Department of Biochemistry, Faculty of Medicine and Dentistry

We are requesting that the following undergraduate biochemistry (BIOCH) courses be excluded from the Exploration Credits policy.

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	BIOCH	398	Research Project	Requires departmental consent
2	BIOCH	409	Biochemistry Tutorial	Requires departmental consent
3	BIOCH	497	International Directed Research Project	Requires departmental consent
4	BIOCH	498	Directed Research Project	Requires departmental consent
5	BIOCH	499A/B	Directed Research Project	Requires departmental consent

Senior Labs

These are senior level courses that are entirely lab based. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	BIOCH	401A/B	Biochemistry Laboratory BIOCH 400/404 are no longer offered	Requires departmental consent

Consent of instructor/department/faculty needed

For these courses, self-registration is not available to any student, rather the department registers the student. Courses requiring departmental/instructor approval should not be seen as "exploratory." Having students take this course as exploration credits can adversely affect the dynamics in these interactive courses.

	Prefix	Code	Name	Additional notes
1	BIOCH	419	Communicating Biochemistry Design and Construction of Synthetic	Instructor/Department consent required
2	BIOCH	481	Biological Systems I Design and Construction of Synthetic	Instructor/Department consent required
3	BIOCH	482	Biological Systems II	Instructor/Department consent required

Restricted enrollment by program

For these courses, registration is limited to students in the Biochemistry program or by consent of the instructor and many involve group work which would be negatively impacted by exploration credits.

	Prefix	Code	Name	Additional notes
1	BIOCH	410	Signal Transduction	
2	BIOCH	415	Metabolic Modifications in Health and Disease	Group work
3	BIOCH	420	Proteins: Structure, Function, and Regulation	
4	BIOCH	425	Proteomics	Group work
5	BIOCH	430	Biochemistry of Eukaryotic Gene Expression	
6	BIOCH	441	Structure and Function of Biological Membranes	
7	BIOCH	465	Methods in Molecular Biophysics	



Decision **Discussion** **Information**

ITEM OBJECTIVE:

This proposal is before the committee to request approval of the list of Undergraduate Cell Biology course exclusions to Exploration Credits proposed by the Faculty of Medicine and Dentistry

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Cell Biology courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in Attachment 1.

EXECUTIVE SUMMARY:

The Faculty of Medicine & Dentistry recognizes the benefits of the new Exploration Credits Policy and supports the greater opportunity for undergraduate learners to explore interdisciplinary subjects outside their program of study with mitigated risk of harm to their overall GPA. The FoMD is home to a number of departments that work closely with the Faculty of Science and provide course instruction to undergraduate students in Science programs in addition to undergraduate students in FoMD programs.

The Department of Cell Biology has undertaken internal consultations as well as discussions in collaboration with the Faculty of Science, and within the FoMD to determine the courses being proposed for exclusion from exploration credit. The rationale for requesting these exclusions include courses that are supported directly by research funds, or are senior level courses that are lab-based. The four cell biology courses included in this list of exclusions also require consent of the Department in order to register.

There are 14 total undergraduate courses offered by the Department of Cell Biology, and 10 courses will remain available for exploration credit.

Supporting Materials:

1. List of Cell Biology Course Exclusions



SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Dr. Gary Eitzen, Undergraduate Director, Cell Biology

Those who have been consulted:

- Department of Cell Biology – February 6, 2023
- Acting Vice-Dean, Education, FoMD – Dr. Mia Lang, mlang@ualberta.ca

Those who have been informed:

- Faculty of Science Associate Chairs (Undergraduate) Committee

Courses submitted for exclusion from Exploration Credit

Department of Cell Biology, Faculty of Medicine and Dentistry

We are requesting that the following undergraduate cell biology (CELL) courses be excluded from the Exploration Credits policy.

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	CELL	398	Undergraduate Research Project	Requires departmental consent
2	CELL	498	Undergraduate Research Project	Requires departmental consent
3	CELL	499	Undergraduate Research Project	Requires departmental consent

Senior Labs

These are senior level courses that are entirely lab based. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	CELL	400	Techniques in Cell Biology	Requires departmental consent



Decision **Discussion** **Information**

ITEM OBJECTIVE:

This proposal is before the committee to request approval of the list of Undergraduate Neuroscience course exclusions to Exploration Credits proposed by the Faculty of Medicine and Dentistry

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Neuroscience and Mental Health courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in Attachment 1.

EXECUTIVE SUMMARY:

The Faculty of Medicine & Dentistry recognizes the benefits of the new Exploration Credits Policy and supports the greater opportunity for undergraduate learners to explore interdisciplinary subjects outside their program of study with mitigated risk of harm to their overall GPA. The FoMD is home to a number of departments that work closely with the Faculty of Science and provide course instruction to undergraduate students in Science programs in addition to undergraduate students in FoMD programs.

The Department of Neuroscience and Mental Health has undertaken internal consultations as well as discussions in collaboration with the Faculty of Science, and within the FoMD to determine the courses being proposed for exclusion from exploration credit. The rationale for requesting these exclusions include that the courses are restricted to Neuroscience students, are senior level courses that are lab-based, as well as three courses that are not currently being offered.

Supporting Materials:

1. List of Neuroscience Exploration Credit Course Exclusions



SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Dr. Silvia Pagliardini, Undergraduate Program Coordinator, Neuroscience and Mental Health Institute
- Dr. Elena Posse de Chaves, Education Lead, Neuroscience and Mental Health Institute

Those who have been consulted:

- Neuroscience Course Instructors (February 8, 2023)
- Associate Dean Undergraduate, Faculty of Science, Dr. Gerda DeVries, sciadu@ualberta.ca
- Associate Dean Undergraduate, Faculty of Science, Jocelyn Hall, sciadu@ualberta.ca
- Manager Undergraduate Programs, Faculty of Science, Shennella Blake, shennella.blake@ualberta.ca
- Acting Vice-Dean, Education, FoMD – Dr. Mia Lang, mlang@ualberta.ca

Those who have been informed:

- Faculty of Science Associate Chairs (Undergraduate) Committee

Courses submitted for exclusion from Exploration Credit

Department of Neuroscience and Mental Health, Faculty of Medicine and Dentistry

We are requesting that the following undergraduate neuroscience (NEURO) courses be excluded from the Exploration Credits policy.

Senior Labs

These are senior level courses that are entirely lab based. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses. These courses are also restricted to Honors in Neuroscience students.

	Prefix	Code	Name	Additional notes
1	NEURO	451	Honors Research Project in Neuroscience	Restricted to Neuroscience students
2	NEURO	452	Honors Research Project in Neuroscience	Restricted to Neuroscience students
3	NEURO	498	Honors Research Project in Neuroscience I	Restricted to Neuroscience students
4	NEURO	499	Honors Research Project in Neuroscience II	Restricted to Neuroscience students

Restricted enrollment by program

For these courses, registration is limited to students in the Neuroscience program or by consent of the Neuroscience and Mental Health Institute (NMHI).

	Prefix	Code	Name	Additional notes
1	NEURO	375	Functional Neuroanatomy	restricted to NEURO students. An alternate course is provided (ANAT 400) for non neuroscience students
2	NEURO	450	Readings on Selected Topics in Neuroscience	restricted to Neuro students

Suspended Courses

These courses have been suspended, are not being offered, and are not planned to be offered.

	Prefix	Code	Name	Additional notes
1	NEURO	443	Neuroendocrine Concepts	
2	NEURO	472	Autonomic Nervous System	
3	NEURO	496	Computational Neuroscience	



Decision **Discussion** **Information**

ITEM OBJECTIVE:

This proposal is before the committee to request approval of the list of Undergraduate Physiology course exclusions to Exploration Credits proposed by the Faculty of Medicine and Dentistry

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Physiology courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in Attachment 1.

EXECUTIVE SUMMARY:

The Faculty of Medicine & Dentistry recognizes the benefits of the new Exploration Credits Policy and supports the greater opportunity for undergraduate learners to explore interdisciplinary subjects outside their program of study with mitigated risk of harm to their overall GPA. The FoMD is home to a number of departments that work closely with the Faculty of Science and provide course instruction to undergraduate students in Science programs in addition to undergraduate students in FoMD programs.

The Department of Physiology has undertaken internal consultations as well as discussions in collaboration with the Faculty of Science, and within the FoMD to determine the courses being proposed for exclusion from exploration credit. The rationale for requesting these exclusions include that the courses are in high demand and thus there is considerable enrollment pressure, or are senior level lab-based courses.

Supporting Materials:

1. List of Physiology Exploration Credit Course Exclusions



SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Dr. Simon Gosgnach, Undergraduate Program Coordinator, Physiology

Those who have been consulted:

- Chair, Department of Physiology, Dr. Greg Funk, gf@ualberta.ca
- Acting Vice-Dean, Education, FoMD – Dr. Mia Lang, mlang@ualberta.ca

Those who have been informed:

- Faculty of Science Associate Chairs (Undergraduate) Committee

Courses submitted for exclusion from Exploration Credit

Department of Physiology, Faculty of Medicine and Dentistry

We are requesting that the following undergraduate physiology (PHYSL) courses be excluded from the Exploration Credits policy.

Senior Labs

These are senior level courses that are entirely lab based. They typically have low to medium enrollment and are cost-intensive per student. These courses are designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses

	Prefix	Code	Name	Additional notes
1	PHYSL	461	Undergraduate Research Project	
2	PHYSL	463	Advanced Topics in Physiology Research I	
3	PHYSL	464	Advanced Topics in Physiology Research II	
4	PHYSL	466	Undergraduate Tutorial	
5	PHYSL	467A	Undergraduate Research Project	
6	PHYSL	467B	Undergraduate Research Project	
7	PHYSL	468	Undergraduate Research Thesis I	
8	PHYSL	469	Undergraduate Research Thesis II	

Enrollment pressure

The demand for these courses is overwhelmingly high such that it is already difficult for students to register. The course/sections have long waitlists. Given that there are already many students waiting to take these courses, students seeking exploration credits would put additional enrollment pressure on the courses.

	Prefix	Code	Name	Additional notes
1	PHYSL	212	Human Physiology I	
2	PHYSL	214	Human Physiology II	
3	PHYSL	310	Experimental Techniques in Physiology	
4	PHYSL	400	Reproductive Physiology	
5	PHYSL	403	Neuroendimmunomodulation	
6	PHYSL	404	Cardiovascular Physiology	
7	PHYSL	405	Sensory Physiology	
8	PHYSL	409	Homeostatic Physiology	
9	PHYSL	410	Clinical & Translational Physiology	newer course, may revisit exclusion in future
10	PHYSL	412	Physiology in History and Popular Culture	newer course, may revisit exclusion in future
11	PHYSL	413	Fetal Physiology	
12	PHYSL	444	Current Topics in Neuroscience	
13	PHYSL	456	Advanced Respiratory Physiology	newer course, may revisit exclusion in future
14	PHYSL	457	Exercise Physiology	newer course, may revisit exclusion in future

Note:

The following two courses will be available for Exploration Credit, however it should be noted that these courses must be taken together for 6 units weight (i.e., if a student takes PHYSL 210A as Exploration Credit they cannot obtain 3 units later in PHYSL 210B).

	Prefix	Code	Name	Additional notes
1	PHYSL	210A	Human Physiology	Avail for Exploration Credit - see note
2	PHYSL	210B	Human Physiology	Avail for Exploration Credit - see note



Decision **Discussion** **Information**

ITEM OBJECTIVE:

This proposal is before the committee to request approval of the list of Undergraduate Pharmacology course exclusions to Exploration Credits proposed by the Faculty of Medicine and Dentistry

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee approve, with delegated authority from General Faculties Council, the list of Department of Pharmacology courses for exclusion from the Exploration Credits Policy, as proposed by the Faculty of Medicine & Dentistry and set forth in Attachment 1.

EXECUTIVE SUMMARY:

The Faculty of Medicine & Dentistry recognizes the benefits of the new Exploration Credits Policy and supports the greater opportunity for undergraduate learners to explore interdisciplinary subjects outside their program of study with mitigated risk of harm to their overall GPA. The FoMD is home to a number of departments that work closely with the Faculty of Science and provide course instruction to undergraduate students in Science programs in addition to undergraduate students in FoMD programs.

The Department of Pharmacology has undertaken internal consultations as well as discussions in collaboration with the Faculty of Science, and within the FoMD to determine the courses being proposed for exclusion from exploration credit. The rationale for requesting these exclusions include courses that are supported directly by research funds, are senior level courses that are completely lab-based, or courses that are in high demand and thus present considerable enrollment pressure.

Supporting Materials:

1. List of Pharmacology Course Exclusions



SCHEDULE A:

Engagement and Routing

Consultation and Stakeholder Participation / Approval Route (parties who have seen the proposal and in what capacity) <[Governance Resources Section Student Participation Protocol](#)>

Those who are actively participating:

- Dr. James Hammond, Director of Undergraduate Studies, Pharmacology

Those who have been consulted:

- Department of Pharmacology (February 10, 2023)
- Associate Dean Undergraduate, Faculty of Science, Dr. Gerda DeVries, sciadu@ualberta.ca
- Associate Dean Undergraduate, Faculty of Science, Jocelyn Hall, sciadu@ualberta.ca
- Manager Undergraduate Programs, Faculty of Science, Shennella Blake, shennella.blake@ualberta.ca
- Acting Vice-Dean, Education, FoMD – Dr. Mia Lang, mlang@ualberta.ca

Those who have been informed:

- Faculty of Science Associate Chairs (Undergraduate) Committee

Courses submitted for exclusion from Exploration Credit

Department of Pharmacology, Faculty of Medicine and Dentistry

We are requesting that the following undergraduate pharmacology (PMCOL) courses be excluded from the Exploration Credits policy.

Courses supported by research funds

Students registered in these courses conduct research under the supervision of an academic member of the Department. Supervisors provide any supplies and cover all costs of conducting research. Enrollment is limited by finding a supervisor who is able to supervise a project and reflects investment from individual research laboratories in these students. Enrollment in these courses is restricted to students who have commitment to achieving academic success in an authentic research experience, instead of exploring an area or just obtaining credit for a course.

	Prefix	Code	Name	Additional notes
1	PMCOL	301	Introduction to Research in Pharmacology	
2	PMCOL	302	Introduction to Research in Pharmacology	
3	PMCOL	401	Pharmacology Tutorial	
4	PMCOL	402	Pharmacology Tutorial	
5	PMCOL	403	Advanced Topics in Pharmacology	
6	PMCOL	497	Honors Research Project in Pharmacology I	
7	PMCOL	498A	Pharmacology Research Program	
8	PMCOL	498B	Pharmacology Research Program	
9	PMCOL	499	Honors Research Project in Pharmacology II	

Senior Labs

This is a senior level course that is entirely lab based. Senior lab courses typically have low to medium enrollment and are cost-intensive per student. The course is designed to provide substantive depth of knowledge and build upon other foundational courses. Such advanced courses should not be viewed as "exploratory" and given their small size and reliance on the lab partner model, having students take these courses as exploration credit can adversely affect dynamics in these intensively interactive courses.

	Prefix	Code	Name	Additional notes
1	PMCOL	337	Experimental Procedures in Pharmacology	

Restricted enrollment by program

Registration for this course is limited to students in the Dental Hygiene program.

	Prefix	Code	Name	Additional notes
1	PMCOL	300	Introduction to Pharmacology	Restricted to Dental Hygiene students

Enrollment pressure

The demand for these courses is overwhelmingly high such that it is already difficult for students to register. The course/sections have long waitlists. Given that there are already many students waiting to take these courses, students seeking exploration credits would put additional enrollment pressure on the courses.

	Prefix	Code	Name	Additional notes
1	PMCOL	404	Core Principles in Pharmacology	
2	PMCOL	406	Molecular Mechanisms of Drug Action	
3	PMCOL	408	Clinical Pharmacology	
4	PMCOL	410	Pharmacogenomics	
5	PMCOL	412	Drugs and the Nervous System	
6	PMCOL	415	Cardiovascular Pharmacology	

7	PMCOL	425	Problem Solving in Pharmacology and Therapeutics
8	PMCOL	450	Diabetes and Its Pharmacotherapy
9	PMCOL	475	Signal Transduction Systems as Pharmacological Targets

Suspended Courses

This courses has been suspended, is not being offered, and is not planned to be offered.

	Prefix	Code	Name	Additional notes
1	PMCOL	416	Current Topics in Endocrine Pharmacology	

Decision **Discussion** **Information**

ITEM OBJECTIVE: The proposal is before the committee to provide a final version of the Undergraduate Embedded Certificate Framework, and seek recommendation of approval of the Undergraduate Embedded Certificate Framework for the University of Alberta.

DATE	May 18, 2023
TO	GFC Programs Committee
RESPONSIBLE PORTFOLIO	Provost and Vice-President (Academic)

MOTION: THAT the GFC Programs Committee recommends that the General Faculties Council approve the proposed Undergraduate Embedded Certificate Framework, as set forth in Attachment 1 to take effect immediately with compliance of existing embedded certificates expected by Fall 2025.

EXECUTIVE SUMMARY:

Embedded Certificates have been awarded at the University of Alberta for more than a decade and have increased in number over time. However, after consultation and feedback from our community, it was clear there is a lack of consistent or common understanding of the purpose of embedded certificates, and a great deal of variability or diversity in the purpose and structure of the existing certificates.

In Winter 2022, members of the Program Support Team (Undergraduate and Non-Credit) were invited to serve on a Working Group led by the Vice-Provost (Programs), to examine the current offerings of embedded certificates at the University of Alberta, identify concerns, risks, and opportunities as they related to embedded certificates, and develop a set of recommendations.

The Working Group identified the following concerns, risks, and considerations:

- Lack of consistency and clarity of purpose
- Lack of oversight
- Problematic registration system
- Some awarded to students automatically when they complete their program; certificate does not differentiate students or provide added value
- Similar appearance of embedded certificate and degree parchments may cause confusion
- Lack of awareness and understanding of the value of embedded certificates among students
- Proliferation of low demand and low enrolment embedded certificates risks diluting the value of the credential

Built from the Working Group's recommendations along with consideration of the results of surveying the 2022 Spring and Fall graduates, this Framework will:

GOVERNANCE OUTLINE



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- clearly communicate a cohesive purpose and structure of embedded certificates at the University of Alberta;
- clearly differentiate embedded certificates from other types of credentials and specializations; and
- provide students a unique interdisciplinary opportunity to enhance their experience and learning.

Where applicable, list the legislation that is being relied upon

- *Post-Secondary Learning Act*
- GFC Programs Committee
- General Faculties Council

Next Steps

Following approval of the Framework, the Office of the Provost will work on a case-by-case basis with the home Faculties of existing embedded certificates that do not adhere to the Framework to ensure all embedded certificates are in alignment by Fall 2025. Faculties will be given the option to:

1. amend the existing program to bring into alignment with the Framework (following all necessary institutional governance approvals, while adhering to the 2025 - 26 Calendar publication deadline of January 2025),
2. identify a different type of specialization for the existing program and complete the necessary institutional governance approvals while adhering to the 2025 - 26 Calendar publication deadline of January 2025, or
3. prepare a suspension* proposal (following all necessary institutional governance approvals, while adhering to the 2025 - 26 Calendar publication deadline of January 2025)

**In some cases, depending on a number of factors, a termination proposal may be more appropriate.*

Supporting Materials:

Attachment 1 - [Undergraduate Embedded Certificate Framework \(May 2023\)](#)

SCHEDULE A:

Engagement and Routing

Those who are actively *participating* and who *have been consulted*:

- Program Support Team (Undergraduate and Non-Credit) (June 2, 2022)
- Students' Union Vice-President (Academic) (June 15, 2022)
- Students' Union Council of Faculty Associations (August 17, 2022)
- Students' Union Students' Council (August 23, 2022)
- Students' Union Vice-President (Academic) (September 13, 2022)
- GFC Programs Committee (September 15, 2022)
- Provosts' Council (September 19, 2022)



- Program Support Team (Undergraduate and Non-Credit) (November 24, 2022)
- GFC Programs Committee (December 8, 2022)
- College Deans' Meeting (January 18, 2023)
- General Faculties Council (January 30, 2023)
- Statutory Deans' Council (February 1, 2023)
- *GFC Programs Committee (February 9, 2023)*
- General Faculties Council (March 20, 2023)
- SU Council of Faculty Associations Joint Board (April 5, 2023)
- Faculty of Arts Chairs' Council (April 19, 2023)
- Victoria Ruetalo (Chair), Department of Modern Languages and Cultural Studies (April 21, 2023)
- Robert Losey (Chair), Department of Anthropology (April 27, 2023)
- David Beck (Chair), Jordan Lachler, Department of Linguistics (April 28, 2023)
- Margriet Haagsma, Department of History, Classics and Religion (April 28, 2023)
- Valentina Galvani (Chair), Department of Economics (April 28, 2023)
- Sathya Rao, Odile Cisneros, Ann De Leon, Department of Modern Languages and Cultural Studies (May 2, 2023)
- Embedded Certificates Working Group (May 3, 2023)
- *Sean Robertson, Shalene Jobin, Tracy Howlett, Faculty of Native Studies (May 16, 2023)*
- *GFC Programs Committee (May 18, 2023)*
- *General Faculties Council (May 29, 2023)*

Approval Route:

1. GFC EXEC | Placement on the GFC Agenda (May 15, 2023)
2. GFC Programs Committee | Action: For Recommendation (May 18, 2023)
3. GFC | Action: For Approval (May 29, 2023)

Supplementary Notes / Context:

GFC Programs Committee recommended approval of a previous version of the framework on February 9, 2023 but at the March 20, 2023 GFC meeting, members raised concerns about the proposal and it was withdrawn to allow for additional consultation. The proposal was revised with some minor edits and to allow additional time for existing certificates to be brought into compliance with the framework.

Purpose

Embedded undergraduate certificates are institutional credentials that are completed concurrently with an undergraduate degree program, prior to graduation. They provide students with the opportunity to enhance their educational experience through engagement with interdisciplinary concepts and topics that transcend individual programs, departments, faculties or colleges. Topics respond to broad societal interests and/or address strategic interests of the University.

Principles

Accessible	Accessible to students from multiple units or facilities and locations, and include consideration of course scheduling and delivery mode.	Strategic Alignment	Promote the University's strategic initiatives, enhance graduate attributes, and/or respond to societal interests
Interdisciplinary Focus	Provide an opportunity to engage with interdisciplinary topics or problems that incorporate and integrate different disciplinary perspectives.	Thoughtful Program Design	Consideration of overlap with other program requirements and other embedded certificates, mode of delivery; balance of junior and senior courses, meaningful experiential component
Indigenization	Contribute to the weaving of Indigenous worldviews, histories, and perspectives, recognition of the validity of Indigenous knowledge systems, remediation of the knowledge gap on Indigenous historical and lived experiences and strengthening academic rigour across disciplines (Braiding Past, Present and Future: University of Alberta Indigenous Strategic Plan)	Demonstrated Demand	Evidence of interest by students and the community
Sustainable	Consideration of administrative load, consistent delivery of courses, course enrollment limits.		

Elements

Proposal Template	The Embedded Certificate Template is available on the website of the Provost and Vice-President (Academic).
Stakeholder Consultation Requirements	<ol style="list-style-type: none"> 1. The Dean of the home faculty (or Deans of collaborating faculties) and relevant College(s) Office(s) of Education must confirm support for the embedded certificate. 2. Vice-Provost (Programs) to discuss the suitability of an embedded certificate for the proponent's purpose, and for advice and feedback related to certificate development according to the related principles and policies. 3. Vice-Provost (Indigenous Programming and Research) for advice and feedback related to embedding Indigenous content in the certificate curriculum. 4. Stakeholders (e.g., students and student groups, employers, accreditation bodies, professional associations, community organizations, alumni) to demonstrate demand and garner feedback regarding design principles. 5. Faculties that may be impacted from an enrollment (e.g., access and course capacity courses to courses for the certificate) or disciplinary perspective to confirm understanding and support. 6. Office of the Registrar for advice on Calendar language (Calendar Editor). <p>Consultation will be noted in the Governance Executive Summary, and letters of support are an asset.</p>
Administrative Responsibility	All proposals will identify a lead proposing faculty or college that will assume administrative responsibility from among those collaborating in the development and delivery of the embedded certificate.
Entrance Requirements	Enrolment in a University of Alberta undergraduate degree program.
Admission Process	A clear statement of admission requirements will be included in the proposal. Students will register via online application. Note: not all embedded certificates are available to all students in all faculties.
Credit Weight	12 - 18 credit units (maximum of 6 units at 100-level and minimum of 6 units at the 300- or 400-level), including an experiential component and/or capstone project/activity completed within, or in addition to, the course requirements.
Laddering / Transfer	Embedded undergraduate certificates are integrated into undergraduate degree programs and cannot be laddered into other for-credit programs.
Overlap	Students complete embedded certificates primarily using electives or limited choice opportunities in their programs; normally, there will be no more than 3 credit units overlap with required courses. Coursework may only be applied to one embedded certificate.
Maximum Number Permitted	While there is no limit to the number of embedded certificates permitted, limits on overlap as indicated above must be strictly adhered to. If extra credits are required to complete an embedded certificate (over and above those required for degree completion), students must consult their home faculty to determine if additional course credits beyond those required for the degree (or extra-to-degree credits) are permitted in their program.
Tuition	Assessed at the standard rates for courses in which the students are registered. No additional tuition fees are assessed for courses taken as a part of the embedded certificate program, regardless of student's home Faculty.
Awarding Process	In order for the embedded certificate to be awarded at the time of degree program completion, the lead administering Faculty or College Office of Education administering the embedded certificate must provide the Office of the Registrar with the names and ID numbers of those students who have completed the requirements for their embedded certificate. This list must also include verification that the student has completed their degree program. Faculties must work with each other to reconcile lists and share information about such students.
Transcript	Embedded certificates are noted on the transcript.

Approval	Approval Pathway: Program Support Team (PST) > Proposing Faculty Council* > GFC Programs Committee (PC)
Review	Embedded certificates will be reviewed every 5 to 7 years by the Office of the Provost and the faculties and/or colleges involved. An annual report of current embedded certificates and corresponding number of graduates will be compiled by the Office of the Provost each year, and embedded certificates may be included in scheduled curriculum reviews by the offering unit(s).
Termination	Termination Approval Pathway: Program Support Team (PST) > Proposing Faculty Council* > GFC Programs Committee (PC) At a minimum, consultation should include the existing students currently enrolled in the embedded certificate to ensure they are informed and can complete the embedded certificate; Office of the Dean of the home Faculty, collaborating Faculty (ies), and College Office of Education for the embedded certificate to ensure support; Vice-Provost (Programs) for advice on completing required templates; and the Office of the Registrar. In addition, accreditation bodies and professional associations may be consulted as relevant. Consultation will be noted in the Governance Executive Summary .

*** An embedded certificate offered jointly by two or more Faculties will be approved by each of the Faculty Councils involved.**