



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: September 2020

The following types of curricular and program changes are approved by the University Course Challenge -- additions and deletions of courses, lower levels of study and program options; straightforward program changes; and curricular changes which affect other colleges.

Contents include submissions for information and approval from the following colleges:

College of Arts and Science
College of Graduate and Postdoctoral Studies
Edwards School of Business
School of Environment and Sustainability

Approval: Date of circulation: September 14, 2020
 Date of effective approval if no challenge received: September 30, 2020

Next scheduled posting:

The next scheduled posting will be October 16, 2020, with a submission deadline **October 13, 2020**. Urgent items can be posted on request.

Please direct challenges to both of the following: seanine.warrington@usask.ca in Registrarial Services and amanda.storey@usask.ca in the Office of the University Secretary.

University Course Challenge – September 2020

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge, and by the relevant college-level Academic Programs Committee, and are now submitted to the University Course Challenge for approval.

Contact: Alexis Dahl (alexis.dahl@usask.ca)

Art and Art History

Minor course revisions:

ART 350.3 Hands on Practice of Historical Media

Prerequisite change:

Old prerequisite: One of ARTH 120, 121, ART 111, or ART 112 (formerly ART 181).

New prerequisite: By permission of the department.

Change to course hours:

Old hours: 3 Lecture hours

New hours: 1 Lecture hour and 2 Studio hours

Rationale: The current prerequisite is related to the original offering of this course by a now-retired art history professor; new versions of this course have since been offered by studio faculty in specific media areas, photography, printmaking and sculpture, all of which require media-specific, foundational prerequisites (or equivalent) for this 300-level course; informally, the department has been admitting students "by permission" so this change will align with departmental needs and informal practice. Change in course hours listing will better describe how this course is actually offered.

Bioinformatics

Minor program revisions

Bachelor of Science Honours and Four-year in Bioinformatics

In List 1 of C4, remove BIOC 420.3 and BIOC 437.3; in List 3 of C4, remove "MATH 164.3 or MATH 266.3" and list both "MATH 164" and "MATH 266" separately; and in C5 change "and" to "or" in the mention of PHIL 234 and PHIL 238.

Bachelor of Science Honours (B.Sc. Honours)

C4 Major Requirement (78 credit units)

...

Choose **21 credit units** from the following lists:

A minimum of 3 credit units must be completed from each list. At least 6 of the 21 credit units must be at the 300-level or higher.

List 1

- [ACB 331.3](#) Methods in Cell and Developmental Biology
- [ANBI 470.3](#) Applied Animal Biotechnology
- [ANSC 313.3](#) Animal Breeding and Genetics
- [BIOC 405.3](#) Structure and Function of Biomolecules
- [BIOC 412.3](#) Protein Structure Function and Engineering
- ~~[BIOC 420.3](#)~~
- [BIOC 436.3](#) Advanced Molecular Biology

- ~~[BIOC 437.3](#)~~
- [BIOL 226.3](#) Genes to Genomics
- [BIOL 316.3](#) Molecular Genetics of Eukaryotes
- [BIOL 420.3](#) Molecular Biology of Plants
- [BIOL 421.3](#) Functional Genomics
- [BMSC 210.3](#) Microbiology
- [BMSC 220.3](#) Cell Biology
- [BMSC 230.3](#) Metabolism
- [BMSC 320.3](#) Nucleic Acids From Central Dogma to Human Disease
- [CHEM 255.3](#) Bio Organic Chemistry
- [MCIM 417.3](#) Molecular Virology
- [MCIM 487.3](#) Microbial Genetic Systems
- [PLSC 317.3](#) Plant Metabolism
- [PLSC 411.3](#) Plant Breeding
- [PLSC 416.3](#) Applied Plant Biotechnology

List 2

- ...

List 3

- ~~[MATH 164.3](#) Introduction to Linear Algebra or [MATH 266.3](#) Linear Algebra II~~
- [MATH 164.3](#) Introduction to Linear Algebra
- [MATH 266.3](#) Linear Algebra II
- [MATH 328.3](#) Combinatorics and Enumeration
- [STAT 241.3](#) Probability Theory
- [STAT 341.3](#) Probability and Stochastic Processes
- [STAT 342.3](#) Mathematical Statistics
- [STAT 344.3](#) Applied Regression Analysis
- [STAT 345.3](#) Design and Analysis of Experiments
- [STAT 346.3](#) Multivariate Analysis
- [STAT 349.3](#) Time Series Analysis

List 4

- ...

C5 Electives Requirement (15 credit units)

- [PHIL 234.3](#) Biomedical Ethics or and [PHIL 238.3](#) Ethical Issues in Scientific Research are recommended (may be used to meet ~~C2~~ C5).

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for the 120 credit unit Honours program, of which 66 must be at the 200-level or higher.

If you require further assistance, please contact the Arts & Science Undergraduate Student Office.

**Bachelor of Science Four-year (B.Sc. Four-year)
C4 Major Requirement (75 credit units)**

...

Choose **21 credit units** from the following lists:

A minimum of 3 credit units must be completed from each list.

List 1

- [ACB 331.3](#) Methods in Cell and Developmental Biology
- [ANBI 470.3](#) Applied Animal Biotechnology
- [ANSC 313.3](#) Animal Breeding and Genetics
- [BIOC 405.3](#) Structure and Function of Biomolecules
- [BIOC 412.3](#) Protein Structure Function and Engineering
- ~~[BIOC 420.3](#)~~
- [BIOC 436.3](#) Advanced Molecular Biology
- ~~[BIOC 437.3](#)~~
- [BIOL 226.3](#) Genes to Genomics
- [BIOL 316.3](#) Molecular Genetics of Eukaryotes
- [BIOL 420.3](#) Molecular Biology of Plants
- [BIOL 421.3](#) Functional Genomics
- [BMSC 210.3](#) Microbiology
- [BMSC 220.3](#) Cell Biology
- [BMSC 230.3](#) Metabolism
- [BMSC 320.3](#) Nucleic Acids From Central Dogma to Human Disease
- [CHEM 255.3](#) Bio Organic Chemistry
- [MCIM 417.3](#) Molecular Virology
- [MCIM 487.3](#) Microbial Genetic Systems
- [PLSC 317.3](#) Plant Metabolism
- [PLSC 411.3](#) Plant Breeding
- [PLSC 416.3](#) Applied Plant Biotechnology

List 2

- ...

List 3

- ~~[MATH 164.3](#) Introduction to Linear Algebra or [MATH 266.3](#) Linear Algebra II~~
- [MATH 164.3](#) Introduction to Linear Algebra
- [MATH 266.3](#) Linear Algebra II
- [MATH 328.3](#) Combinatorics and Enumeration
- [STAT 241.3](#) Probability Theory
- [STAT 341.3](#) Probability and Stochastic Processes
- [STAT 342.3](#) Mathematical Statistics
- [STAT 344.3](#) Applied Regression Analysis
- [STAT 345.3](#) Design and Analysis of Experiments
- [STAT 346.3](#) Multivariate Analysis

- [STAT 349.3](#) Time Series Analysis

List 4

- ...

C5 Electives Requirement (18 credit units)

- [PHIL 234.3](#) Biomedical Ethics ~~or and~~ [PHIL 238.3](#) Ethical Issues in Scientific Research are recommended (may be used to meet ~~C2 C5~~).

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for the 120 credit unit Honours program, of which 66 must be at the 200-level or higher.

If you require further assistance, please contact the Arts & Science Undergraduate Student Office.

Rationale: BIOC 420.3 and BIOC 437.3 are no longer in the University Course Catalogue. MATH 164 and MATH 266 are now separate rather than equivalent courses. In fact, MATH 164 is a prerequisite for MATH 266. Many bioinformatics algorithms make use of linear algebra and skills in this area of mathematics are useful for understanding and using those algorithms. Finally, it is unnecessary for Bioinformatics students to take three 2nd-year courses on related ethics (PHIL 234, 236, 238). PHIL 236 is required for the program (part of C3). Recommending one of PHIL 234 or PHIL 238 in addition (in the description of C5) is sufficient.

Catholic Studies

Minor course revision

CTST 200.3 Introduction to Catholic Studies

Prerequisite change:

Old prerequisite: 15 credit units of University study

New prerequisite: RLST 112.3 or 15 credit units of University study

Rationale: RLST 112 (Western Religions in Society and Culture) provides sufficient preparation for students to be successful in CTST 200.

Classics

Minor program revisions

Minor in Classics

Requirements (24 credit units)

This minor may be taken in conjunction with any degree in another subject area in the College of Arts & Science.

Choose **6 credit units** from the following:

- [CLAS 104.3](#) Classical Myths
- [CLAS 110.3](#) Greek Civilization
- [CLAS 111.3](#) Roman Civilization
- [CMRS 110.3](#) The Graeco Roman Tradition Evolution and Reception

Choose **18 credit units** from the following:

No more than 3 credit units from CLAS 101.3, 103.3, 105.3, 107.3, or 203.3; no more than 9 credit units may be taken in ARCH; and no more than 9 credit units may be taken in HIST.

- **ARCH 116.3** Introduction to Near Eastern and Classical Archaeology
- **ARCH 244.3** Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- **ARCH 252.3** Near Eastern Archaeological Field Work
- **ARCH 258.3** Archaeology of Ancient Mesopotamia
- **ARCH 356.3** Development of Complex Cultures in Eastern Mediterranean and Near Eastern Regions
- **CLAS 101.3** Introduction to Scientific Terminology
- **CLAS 103.3** Medical Terminology
- **CLAS 104.3** Classical Myths
- **CLAS 105.3** Classical Roots of English
- **CLAS 107.3** Introduction to Legal Terminology
- **CLAS — 200-Level, 300-Level, 400-Level**
- **GRK — 100-Level, 200-Level, 300-Level, 400-Level**
- **HIST 203.3** Ancient Greece Politics Society and Culture
- **HIST 208.3** The Roman Republic Growth of a Mediterranean State 753 to 27 BCE
- **HIST 209.3** The Roman Empire Politics Society and Culture Augustus to Constantine
- **HIST 217.3** The Later Roman Empire Crisis and Continuity from Constantine to Justinian
- **HIST 273.3** History of Ancient Medicine
- **HIST 302.3** Life and Letters Roman Society and Culture through Epistolary Practice
- **HIST 308.6** Rome Building and Living in the Ancient City
- **HIST 320.3** Pagans Christians Barbarians Identity and Empire in the Roman World
- **HIST 335.3** Spectacles of Death in the Roman World
- **LATN — 100-Level, 200-Level, 300-Level, 400-Level**
- **PHIL 208.3** Ancient Philosophy Presocratics to Plato
- **PHIL 209.3** Ancient Philosophy Aristotle to Plotinus
- Special Topics courses in the listed subjects, with prior permission of the CMRS Director

Rationale: The program requirements for the present Classics Minor were too restrictive for students, given that, at present, we do not have the faculty resources to ensure that students can meet them in a timely manner. Thus we have expanded the list of courses that can be used to fulfill program requirements. Specific notes:

- in order to ensure that a student can't get a Classics Minor by taking mostly ARCH or HIST courses, there is a note at the end limiting the number of those courses one can take toward these requirements. It is still possible to take 9 cu of ARCH and 9 cu of HIST (i.e. one can fulfill these requirements by many courses that are not labelled CLAS).
- it was felt that the medical terminology courses (CLAS 101.3, 103.3, 105.3, 107.3, 203.3) might be potential feeders into a Classics Minor, but obviously one should not obtain the Minor by taking mostly medical terminology courses. As there is now a separate Certificate for Medical Terminology, the focus here is on other courses.

Geophysics

Minor program revisions

Bachelor of Science in Geophysics Honours and Four-year

In the Major Requirement (C4): Replace requirements of GEOL 481.3 and GEOL 482.3 with combined new class GEOL 480.3; and add an additional selection of 3 credit units from 300 level or higher GEOL classes or GEOG 322.3. For Honours only, add MATH 225.3 and MATH 226.3 to existing two selections of 3 credit units.

Bachelor of Science Honours (B.Sc. Honours) - Geophysics

C4 Major Requirement (57-60 credit units)

Junior courses:

- [GEOL 121.3](#) Earth Processes
- [PHYS 115.3](#) Physics and the Universe
- [PHYS 117.3](#) Physics for the Life Sciences or [PHYS 125.3](#) Physics and Technology

Senior courses:

- [EP 202.3](#) Electric and Magnetic Fields and Circuits
- [EP 214.3](#) Analog Signals and Systems
- [EP 228.3](#) Computer Tools for Engineering Physics
- [GEOL 224.3](#) Mineralogy
- [GEOL 245.3](#) Introduction to Sedimentary Rocks
- [GEOL 258.3](#) Structural Geology
- [GEOL 282.3](#) Earth Physics
- [GEOL 334.3](#) Gravity Magnetism Electromagnetic and Radiation Methods
- [GEOL 335.3](#) Seismology and Ground Penetrating Radar Methods
- [GEOL 480.3](#) Potential Field and Electromagnetic Methods in Geophysics
- ~~[GEOL 481.3](#) Potential Field Methods~~
- ~~[GEOL 482.3](#) Electrical Methods in Geophysical Prospecting~~
- [GEOL 483.3](#) Seismology

Choose one of the following options:

- [GEOL 485.6](#) Geophysics Field Camp; or
- [GEOL 487.3](#) Geophysical Field Methods and one of [GEOL 490.3](#) Geological Sciences Research or [GEOL 492.6](#) Geological Sciences Research

Choose **3 credit units** from the following:

- [MATH 223.3](#) Calculus III for Engineers (recommended)
- [MATH 225.3](#) Intermediate Calculus I
- [MATH 276.3](#) Vector Calculus I

Choose **3 credit units** from the following:

- [MATH 224.3](#) Calculus IV for Engineers (recommended)
- [MATH 226.3](#) Intermediate Calculus II

- [MATH 238.3](#) Introduction to Differential Equations

Choose **3 credit units** from the following:

- [GEOG 322.3](#) Introduction to Geographic Information Systems
- [GEOL — 300-Level, 400-Level](#)

Bachelor of Science Four-year (B.Sc. Four-year) - Geophysics

C4 Major Requirement (57-60 credit units)

Junior courses:

- [GEOL 121.3](#) Earth Processes
- [PHYS 115.3](#) Physics and the Universe
- [PHYS 117.3](#) Physics for the Life Sciences or [PHYS 125.3](#) Physics and Technology

Senior courses:

- [EP 202.3](#) Electric and Magnetic Fields and Circuits
- [EP 214.3](#) Analog Signals and Systems
- [EP 228.3](#) Computer Tools for Engineering Physics
- [GEOL 224.3](#) Mineralogy
- [GEOL 245.3](#) Introduction to Sedimentary Rocks
- [GEOL 258.3](#) Structural Geology
- [GEOL 282.3](#) Earth Physics
- [GEOL 334.3](#) Gravity Magnetism Electromagnetic and Radiation Methods
- [GEOL 335.3](#) Seismology and Ground Penetrating Radar Methods
- [GEOL 480.3](#) Potential Field and Electromagnetic Methods in Geophysics
- ~~[GEOL 481.3](#) Potential Field Methods~~
- ~~[GEOL 482.3](#) Electrical Methods in Geophysical Prospecting~~
- [GEOL 483.3](#) Seismology

Choose one of the following options:

- [GEOL 485.6](#) Geophysics Field Camp; or
- [GEOL 487.3](#) Geophysical Field Methods and one of [GEOL 490.3](#) Geological Sciences Research or [GEOL 492.6](#) Geological Sciences Research

Choose **3 credit units** from the following:

- [MATH 223.3](#) Calculus III for Engineers (recommended)
- [MATH 225.3](#) Intermediate Calculus I
- [MATH 276.3](#) Vector Calculus I

Choose **3 credit units** from the following:

- [MATH 224.3](#) Calculus IV for Engineers (recommended)
- [MATH 226.3](#) Intermediate Calculus II

- **MATH 238.3** Introduction to Differential Equations

Choose **3 credit units** from the following:

- **GEOG 322.3** Introduction to Geographic Information Systems
- **GEOL — 300-Level, 400-Level**

Rationale: GEOL 481.3 (Potential Field Methods) and GEOL 482.3 (Electrical Methods in Geophysical Prospecting) are removed from requirements in order to optimize delivery of the program due to a recent retirement. For students currently enrolled, these classes will continue to be offered for credit. In the program update, these classes are replaced with new class GEOL 480.3 (Potential Fields and Electromagnetics in Geophysics). GEOL 480.3 will contain all required and essential subjects from the removed classes. The delivery will benefit from pointing out similarities and connections between the broader range of topics.

The reduced three credit units are replaced by adding of GEOG 322.3 (Introduction to Geographical Information systems) or a 300 level or higher GEOL course. These courses are important for geoscientists and specifically for Geophysics program.

Inclusion of MATH 225 and 226 (Intermediate calculus I and II) in addition to MATH 223 and 224 (Calculus for engineers) in the Honours program should provide a greater course selection for all Geophysics students.

New course(s):

GEOL 480.3 Potential Field and Electromagnetic Methods in Geophysics

3 Lecture hours and 3 Practicum/Lab hours

Geophysical methods are used to determine the structure and composition of Earth's subsurface and find applications in mineral exploration, geohazard identification, environmental remediation, civil engineering, and in increasing our understanding of our planet. This course covers the theory and application of potential field methods (gravity and magnetics) and electromagnetic methods in geophysics. Topics covered include procedures for data acquisition, data processing, modeling and interpretation. These topics are covered at a more advanced level than in GEOL 334.

Prerequisite(s): GEOL 334 and GEOL 335

Note: Students may have credit for only two of GEOL 480, 481, or 482.

Instructors: Sam Butler, Igor Morozov

Rationale: Geophysics involves the use of physics methods to study the earth's structure and evolution. Most of Earth's interior is inaccessible to direct sampling and techniques to directly sample even the near surface such as drilling are extremely expensive and only give a very limited view. Geophysics methods are thus needed to "remote sense" the earth's subsurface to search for materials of economic value, to identify and understand hazards, to monitor environmental contamination and for academic interest in understanding our home planet.

Some commonly used geophysical techniques include potential field methods (gravity and magnetics) and a wide range of techniques employing induced electrical currents in the subsurface known as electromagnetic techniques. We previously offered Geol. 481.3, Potential Fields, and Geol. 482.3, Electrical Methods in Prospecting Geophysics. Geol. 481.3 and Geol. 482.3 were required courses in the Geophysics 4 Year and Geophysics Honours programs. The Geophysics 4 Year and Honours program were felt to be overly prescriptive and the number of courses needed for the programs was becoming difficult to deliver given a recent reduction in geophysics faculty.

In an effort to increase the flexibility for Geophysics students and to make the program sustainable, we are combining the most important material from the old Geol. 481.3 and 482.3 courses into a single new course, Geol. 480.3, Potential Fields and Electromagnetic Methods in Geophysics. We will be modifying the Geophysics 4 Year and Honours Programs to require 480.3 instead of Geol. 481.3 and 482.3. An additional three credits of senior Geol. course or Geog. 322.3 will now be required instead. Graduating Geophysics students will have somewhat less depth in Potential Fields and Electromagnetics but a greater breadth of knowledge in Geosciences. Additionally, the title of the old Geol. 482.3 "Electrical Methods in Prospecting Geophysics" implied an emphasis on applications in mineral exploration while we will now be emphasizing all aspects of geophysical applications.

History

New course(s):

HIST 433.6 Visions of Empire Architecture and Power in Ancient Rome and Fascist Italy

SP/SU

The city of Rome evokes visions of conquest and empire, emperors and dictators. The first Roman emperor, Augustus wrote the ideology of his absolute rule, and of the eternity of empire on the city of Rome through architecture. He provided a model for later emperors and popes, and in 20th century, for Benito Mussolini, the fascist leader. From his first appearance on the Italian political scene, Mussolini stressed the need for the rebirth of the Italian nation after centuries of darkness that followed the end of the Roman Empire in the fifth century CE. The Italian resurrection entailed not only the creation of the “new Italians” but also the foundation of a “new Italy.” The country needed to be reconstructed from an architectural point of view. The rebirth of Rome, in particular, had a great metaphorical importance. The city had to be the symbol of the Fascist era. It had to embody the connection between Romulus, Augustus and Mussolini as the frieze carved in 1939 by Publio Morbiducci boldly stated. The ruins of the ancient city provided an inspiration (and an obstacle) in his desire to create a modern, yet eternal Roman Empire, with a strong Duce as its leader. Demolishing medieval and Renaissance constructions, the Fascist regime not only brought back to light remains of the glorious Roman past, but it also gained more space to construct new buildings and monuments aimed at celebrating Mussolini’s regime for centuries to come. This course will look at Rome as the “Imperial city” par excellence, epicenter of the Ancient Roman Empire and of 20th century Italian Fascism. It will investigate the political and symbolic role of the city under the emperors and under the Duce. It will analyze how the city materially embodied power, and how Romans and Fascists built it and conceptualized it as “the eternal city.” Exploring in person the architecture, urban forms and neighborhoods of ancient and fascist Rome students will understand how authorities shape urban space to shape society.

Prerequisite(s): 6 credit units of senior-level HIST of which 3 credit units must be 300-level or permission of the department

Note: This 5-week intensive, lecture-seminar Spring/Summer study abroad class takes place in Italy.

Costs in addition to tuition will apply to this course. Students who have taken HIST 308.6 may not take this course for credit.

Instructor(s): Angela Kalinowski and Alessio Ponzio

Rationale: Improves department’s offerings in the field, reflects the research interests of the instructors, and responds to student demands.

Minor course revisions

HIST 207.3 Greek Tragedy and the Culture of Fifth Century Athens

Relabel to **CLAS 208.3**.

Rationale: 1) The course is actually a Classics course, rather than a History course *per se*, and therefore the CLAS label change conveys more accurate information to students who may be considering it, and will be clearer on a student’s transcript, particularly if the student is considering graduate studies in Classics; 2) The change is a better fit with the revisions currently proposed for the Classics Minor; 3) This change to the course label does not change how the course will be used in History programs, as CLAS courses may be counted in the Major Requirement (A4).

Hydrology

Minor course revisions

GEOG 225.3 Hydrology of Canada

Prerequisite change:

Old prerequisite: 3 credit units of Science courses and 21 credit units of additional University course work.

New prerequisite: GEOG 120; or 3 credit units of Science courses and 21 credit units of additional University course work.

Change to Note:

Old note: GEOG 120 is recommended

New note: None.

Rationale: GEOG 225 builds upon content introduced in GEOG 120, including material on rivers, lakes, wetlands, glaciers, and water resource use. Therefore GEOG 120 provides students with the necessary background to be successful in GEOG 225.

GEOG 290.3 Field Methods and Laboratory Analysis

Prerequisite change:

Old prerequisite: 3 credit units of Science courses and 21 credit units of additional University course work.

New prerequisite: GEOG 120; or 3 credit units of Science courses and 21 credit units of additional University course work.

Change to Note:

Old note: GEOG 120 is recommended

New note: None.

Rationale: GEOG 290 builds upon content introduced in GEOG 120, including maps and geomatics, water resources, soils, and biogeography. Therefore GEOG 120 provides students with the necessary background to be successful in GEOG 225.

Medical Language

Certificate in Medical Language

Minor program revisions

Add CLAS 431 as an optional course.

Requirements (15 credit units)

Complete the following 12 credit units:

- [CLAS 103.3](#) Medical Terminology
- [CLAS 203.3](#) Advanced Medical Terminology
- [LATN 112.3](#) Latin for Beginners I
- [LATN 113.3](#) Latin for Beginners II

Choose **3 credit units** from the following:

- **CLAS 431.3: Problems in Medical Terminology**
- [CLAS 101.3](#) Introduction to Scientific Terminology
- [GRK 112.3](#) Greek for Beginners I
- [HIST 273.3](#) History of Ancient Medicine
- [LATN 202.3](#) Intermediate Latin I

Rationale: CLAS 431 (Problems in Medical Terminology) is a new course which is highly relevant to this area, and its addition to the list of optional courses will provide students with more options to fulfill the program requirements.

Music

Minor program revisions

Bachelor of Arts in Music Honours, Four-year, and Three-year; Bachelor of Music (Performance and Individualized)

Replace MUS 250 with MUS 255.

Bachelor of Arts Honours (B.A. Honours)

D4 Major Requirements (48 credit units)

- 1 credit unit MUAP Ensemble
- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~

...

Bachelor of Arts Four-year (B.A. Four-year)

D4 Major Requirements (48 credit units)

- 1 credit unit MUAP Ensemble
- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~

...

Bachelor of Arts Three-year (B.A. Three-year)
D4 Major Requirements (42 credit units)

- 1 credit unit MUAP Ensemble
- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~

...

Bachelor of Music Individualized (B.Mus. Individualized)
G2 Music (62 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~

...

Bachelor of Music Performance Honours (B.Mus. Performance Honours)
G2 Music (65 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period

- [MUS 160.0](#) Keyboard Proficiency
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- [MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present
- [MUS 325.3](#) Conducting Introduction

...

Rationale: The sequence of music history courses (MUS 150, MUS 151, MUS 250) is being redesigned and replaced by the new sequence (MUS 155, MUS 156, MUS 255). MUS 155 and MUS 156 have already been implemented.

New course(s):

MUS 255.3 Music History II Compositions Cultures and Connections from the Late Classical Period to the Present

3 Lecture hours

This course surveys Western art music history from the late Classical period to the present. In its examination of composers, works, and musical cultures, the course is attentive to both historical context (including the relationships between music and other disciplines, such as politics, philosophy, literature, and visual art) and connections with repertoire across musical traditions and eras.

Prerequisite(s): MUS 155 or permission of the department

Note: Rudimentary music theory knowledge and a basic ability to read music are recommended. Students with credit for MUS 151 may not take MUS 255 for credit.

Instructor: Amanda Lalonde

Rationale: This course is being created to meet the needs of students. It is the third course in the redesign of the three-course music history sequence. It follows MUS 155 and MUS 156, which have already passed the course challenge process and will be offered for the first time in 2020-2021.

Accommodating measures can be taken for students who are unable to progress through the sequence of courses in the typical time frame.

The specification in the description that the course "is attentive to both historical context (including the relationships between music and other disciplines, such as politics, philosophy, literature, and visual art) and connections with repertoire across musical traditions and eras" reflects the research interests of the instructor, who works on both "art" and popular music from an interdisciplinary perspective.

The needs and interests of students that this course will address include the relation of a broader scope of musical repertoire across traditions to Western art music history; consideration of the interdisciplinary connections of music; and greater consideration of Canadian music.

MUS 425.3 String Pedagogy

3 Lecture hours

This course is designed to give strings majors (violin, viola, cello, double bass) an understanding of pedagogical applications of string playing through the study of Shinichi Suzuki, Paul Rolland, and Dorothy Delay's methods. The objectives of this course are to give students the necessary knowledge to teach a beginner string student, and to understand the basic concepts of string pedagogy.

Prerequisite(s): MUAP 343 and MUS 220, or by permission of the Department of Music

Instructor: Véronique Mathieu

Rationale: In 2018, the Music Department hired a full time violin professor (Veronique Mathieu) to develop the strings area. Since there are currently no courses being offered to address aspects of this specific area of music—and string pedagogy in particular—this course is the first one to be created. This course will serve performance majors and music education majors.

Course deletion(s):

MUS 250.3 History of Music III Western Art Music Antiquity to High Renaissance

Rationale: In order to meet the needs of students, improve departmental course offerings, and bring the course into alignment with the research interests of the instructor, the old sequence of three history courses (MUS 150, MUS 151, MUS 250) is being redesigned and replaced by MUS 155, MUS 156, and MUS 255. The new course MUS 255 has been submitted for this course challenge deadline (the other two have already been implemented), and is accompanied by the deletion of MUS 250.

Minor course revisions:

MUS 311.3 History of Opera

Prerequisite change:

Old prerequisite: MUS 151 or MUS 156

New prerequisite: MUS 151; or MUS 156 and MUS 255; or permission of the department

Rationale: MUS 155, 156 and 255 replace MUS 150, 151, and 250. Content has been shifted between the different courses, and therefore the best courses to prepare students to be successful in this have changed.

MUS 312.3 Vocal Literature

Prerequisite change:

Old prerequisite: Two years of applied voice training; MUS 233; and MUS 151 or MUS 156

New prerequisite: Two years of applied voice training; MUS 233; and MUS 151 or MUS 255; or permission of the department.

Rationale: See MUS 311 above.

MUS 354.3 Survey of Keyboard Literature

Prerequisite change:

Old prerequisite: MUS 234; and MUS 151 or MUS 156.

New prerequisite: MUS 234; and MUS 151; or MUS 156 and MUS 255; or permission of the department.

Rationale: See MUS 311 above.

MUS 364.3 Music of Classical Period

Prerequisite change:

Old prerequisite: MUS 250 or permission of the department.

New prerequisite: MUS 150 or MUS 156

Rationale: See MUS 311 above.

MUS 365.3 Music of Romantic Period

Prerequisite change:

Old prerequisite: MUS 151 or MUS 156

New prerequisite: MUS 151 or MUS 255

Rationale: See MUS 311 above.

MUS 371.3 Performance Practices Twentieth Century

Prerequisite change:

Old prerequisite: MUS 134; MUAP 145; and one of MUS 150, MUS 151, MUS 155, MUS 156, MUS 250 or permission of the department.

New prerequisite: MUS 134; MUAP 145; and MUS 151 or MUS 255; or permission of the department.

Rationale: See MUS 311 above.

MUS 453.3 Seminar in Choral Literature and Materials

Prerequisite change:

Old prerequisite: MUS 234 and MUS 250.

New prerequisite: MUS 234; and MUS 250 or MUS 156 and MUS 255; or permission of the department

Rationale: See MUS 311 above.

MUS 457.3 Music since 1950

Prerequisite change:

Old prerequisite: MUS 234; and MUS 151 or MUS 156.

New prerequisite: MUS 234; and MUS 151 or MUS 255.

Rationale: See MUS 311 above.

MUS 463.3 Seminar in Wind Literature and Materials

Prerequisite change:

Old prerequisite: MUS 134; and MUS 151 or 156.

New prerequisite: MUS 134; and MUS 151 or MUS 255.

Rationale: See MUS 311 above.

MUS 464.3 Research Seminar in Musicology I

Prerequisite change:

Old prerequisite: MUS 151 or MUS 156

New prerequisite: MUS 250; or MUS 156 and MUS 255; or permission of the department

Rationale: The full music history sequence (old or new version) is necessary preparation for this advanced course.

MUS 465.3 Research Seminar in Musicology II

Prerequisite change:

Old prerequisite: MUS 464

New prerequisite: MUS 250; or MUS 156 and MUS 255 or permission of the department

Rationale: The full music history sequence (old or new version) is necessary preparation for this advanced course. The topics of MUS 464 are not always directly relevant to this course.

Music Education

Minor program revisions

Bachelor of Music in Music Education Honours and Four-year

Replace MUS 250 with MUS 255.

Bachelor of Music (Music Education) (B.Mus.(Mus.Ed.)) - Early/Middle Years

G2 Music (41 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~
- [MUS 325.3](#) Conducting Introduction
- [MUS 428.3](#) Choral Pedagogy

...

Bachelor of Music Honours (Music Education) (B.Mus.(Mus.Ed.)) - Secondary
G2 Music (41 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~
- [MUS 325.3](#) Conducting Introduction
- [MUS 428.3](#) Choral Pedagogy

...

Bachelor of Music (Music Education) (B.Mus.(Mus.Ed.)) - Early/Middle Years
G2 Music (41 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II
- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~[MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present~~
- [MUS 325.3](#) Conducting Introduction
- [MUS 428.3](#) Choral Pedagogy

...

Bachelor of Music Honours (Music Education) (B.Mus.(Mus.Ed.)) - Secondary
G2 Music (41 credit units)

- [MUS 120.2](#) Musicianship I
- [MUS 121.2](#) Musicianship II
- [MUS 133.3](#) Fundamentals of Music Theory I
- [MUS 134.3](#) Fundamentals of Music Theory II

- [MUS 155.3](#) Music in History and the Present
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- [MUS 160.0](#) Keyboard Proficiency (Piano and organ majors are exempt from this requirement)
- [MUS 180.0](#) Introduction to Library Research Methods
- [MUS 220.2](#) Musicianship III
- [MUS 221.2](#) Musicianship IV
- [MUS 233.3](#) Fundamentals of Music Theory III
- [MUS 234.3](#) Fundamentals of Music Theory IV
- ~~[MUS 250.3](#) History of Music III Western Art Music Antiquity to High Renaissance~~
- [MUS 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present
- [MUS 325.3](#) Conducting Introduction
- [MUS 428.3](#) Choral Pedagogy

Rationale: The sequence of music history courses (MUS 150, MUS 151, MUS 250) is being redesigned and replaced by the new sequence (MUS 155, MUS 156, MUS 255). MUS 155 and MUS 156 have already been implemented.

Items for Information

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge and are now submitted to the University Course Challenge for information.

Computer Science

Minor course revisions

CMPT 442.3 Compiler Design and Implementation

Prerequisite change:

Old prerequisite: CMPT 360

New prerequisite: CMPT 215 and CMPT 364

Rationale: This change better documents the expectations for students, and recognizes the introduction of CMPT364. Specifically, the students can clearly see the importance of understanding the hardware (processors and assembly language) that a compiler targets. It also reflects material (formal languages theory and the Chomsky hierarchy) that has migrated from CMPT360 into the new CMPT364 course introduced last year.

Linguistics

Minor course revisions

LING 110.3 Introduction to Grammar

Add the SOCS attribute to this course, in addition to the HUM attribute. This content of this course is appropriate to fulfill either area.

College of Graduate and Postdoctoral Studies, University Course Challenge – September 2020

Approved by CGPS Sept 9, 2020

New Course Proposal

CHE 889.3: Catalysis and Environmental Studies with Synchrotron Radiation

Catalytic processes are essential and crucial to chemical, energy and environmental industries. The manufacture of catalysts itself is also an important production sector. Catalyst development is the key in these areas and new catalysts will allow more efficient production processes and invention of new products. All these will rely on comprehensive and in-depth understanding of catalyst properties and catalytic reaction mechanism. Synchrotron radiation and its use in material characterization and in situ catalytic reaction investigation is the powerful and exceptional tool to facilitate this understanding.

Instructor: Hui Wang, PhD, PEng; Yongfeng Hu, PhD

Rationale: With Canadian Light Source on our campus, the graduate students working in catalysis areas should be equipped with appreciable knowledge and capabilities to conduct catalytic studies with synchrotron radiation. This course will offer a platform for this training.

Approved by CGPS September 8, 2020

Program Modifications

Master of Nursing – Nurse Practitioner

Degree Requirements

- GPS 960.0
- GPS 961.0, if research involves human subjects
- GPS 962.0, if research involves animal subjects

36 credit units, including the following:

- 3 credit unit 800-level Statistics, typically NURS 818.3
- NURS 875.3
- NURS 878.3
- NURS 879.3
- NURS 880.3
- NURS 881.3
- NURS 883.3
- NURS 884.3
- NURS 885.3
- NURS 886.3
- NURS 888.3
- ~~NURS 892.3~~ or NURS 821.3
- NURS 990.0

Please note that students receiving a grade less than 60% in any two courses within a graduate program in the College of Nursing will be recommended to be required to discontinue.

Rationale: The NURS 892 course is designed for student's pursuing thesis research, while the NURS 821 course focuses on evidence-based practice research. The NURS 821 course is best-suited for the course-based Nurse Practitioner program.

Master of Science – Mechanical Engineering

- GPS 960.0
- GPS 961.0, if research involves human subjects
- GPS 962.0, if research involves animal subjects

A minimum of ~~15-12~~ credit units, including the following:

- ME 990.0
- ME 994.0

Transfer from Master's to PhD

- GPS 960.0
- GPS 961.0, if research involves human subjects
- GPS 962.0, if research involves animal subjects

A minimum ~~21-18~~ credit units, including the following:

- ME 990.0
- ME 996.0

Rationale: The changes were proposed in response to the Graduate Program Review that had been conducted in 2015. The proposed changes will allow students to focus on research specific coursework, and research requirements.

For Information:

The following course, approved through the June 2020 University Course Challenge, was intended to be labeled under a new subject code, called ILBE (Indigenous Land-Based Education). It is being noted here for information:

~~EFDT-ILBE~~ 869.3: Queer Land-Based Pedagogy and Praxis

Philosophical and pedagogical praxis of queering Indigenous land-based education. Students examine non-binary views of humans and natural world, Indigenous gender continuums and sexual diversity, and how they relate to pedagogical practice. Examines and disrupts essentialism in nature based education, by incorporating inclusive and non-binary land-based education in educational practice.

Instructor: Alex Wilson, PhD

Rationale: Misconceptions due to colonialism must be explored

Edwards School of Business – September 2020 University Course Challenge – Items for Information

The following changes noted in yellow are corrections to the August 2020 University Course Challenge submission:

Contact: Vicky Parohl (parohl@edwards.usask.ca)

Revisions to the major fields of study in the Bachelor of Commerce (B.Comm.) program are being proposed in this University Course Challenge posting. Changes that are common to all majors in the B.Comm. are outlined here first for approval. Editorial revisions are included, but these are noted for information. Proposals to revise the major fields of study (Accounting, Finance, Human Resources, Management, and Marketing) follow. The proposal to revise the Operations Management major includes a name change. As such, the changes will be submitted to the Academic Programs Committee for approval.

Course Deletion

COMM 119.3: Skills for Academic Success

Introduces students to business concepts, the business environment and delivers required business competencies that are relevant to business students. The course is designed to combine previously taught skills with other success factors into a unified whole. The skills ensure future success, retention and a sense of identification with the Edwards School of Business.

Weekly hours: 1.5 Lecture hours and 1.5 Practicum/Lab hours and 1.5 Seminar/Discussion hours

Restriction(s): Enrolment in the Edwards School of Business

Rationale: Technical skills from COMM 119 can be integrated into the course content and assessments for COMM 101, allowing students the opportunity to apply the skills they learn while working on their major deliverable in COMM 101. Students will still have exposure to group and presentation work in COMM 105 and 211. The writing skills component of the course will be transferred to a 100 level Arts & Science writing requirement.

New Course

- **Introduce COMM 121: Business Mathematics as a required first year course to replace MATH 121: Mathematics and Business Analysis.**

COMM121.3: Business Mathematics

Teaches introductory mathematics for business students, including solving systems of two linear equations; simple and compound interest; polynomial, exponential, and trigonometric functions; exponential growth and decay; logarithms; elasticity of demand; marginal cost and revenue; limits, derivatives, and definite integrals, all in the context of business analysis. Spreadsheet-based mathematical functions and/or computer programs will be used to demonstrate the concepts and theory and to analyze practical business situations.

Weekly Hours: 3 Lecture hours

Prerequisite(s): Foundations of Math 30, Pre-Calculus 30, or MATH 102

Restriction(s): Enrolment in the Edwards School of Business

Rationale: To ensure we have control over the delivery and enhance our first-year experience and the sequencing of our mathematics, statistics, management information systems, and data analytics offerings. We are committed to offering smaller course sections and ensuring the student experience aligns with the pedagogical values of our college. Offering this course within the business college allows us to give students a cohesive first year experience that fully immerses them in the community of our business college. As part of our desire to provide a more experiential set of first year courses we intend to bring students into our computer labs and they will be working directly in Excel and other business applications during this course.

Program Revisions

- **Remove the social sciences/humanities restrictions on required non-COMM electives; change the 6 cu of 100 level non-COMM electives in year 2 to 6 credits of non-COMM electives; remove the SR non-COMM elective in year two (replaced with Free SR Elective); and replace 3 cu of 100 level non-COMM electives in year 3 with a 3 cu Free Elective (any level non-COMM or 300 level or higher COMM)**

Rationale: Allow students the flexibility to choose elective courses that complement their program of study.

- **Replace one of the required 100 level non-COMM electives in year 1 with an English Language Requirement:**

Choose **3 credit units** from the following:

100 level courses listed in the Arts & Science list of English Writing Requirement

Rationale: Our students need more exposure to learning how to write effective papers, write in a coherent and grammatically correct manner, and learn how to cite.

- **Relabel COMM 329.3 Personal Finance as COMM 229.3 Personal Financial Management, eliminate the prerequisites, (for information); and**
- **add as a required first year course**

COMM 329.3 229.3: Personal Finance-Financial Management

Teaches students how to analyze personal goals and assess the financial implications of these goals, ~~construct and examine financial statements for individuals~~, determine personal net worth, analyze financial products and services, and ~~suggest~~ understand investment alternatives appropriate to individuals and families. In addition, this course explains personal taxation, insurance contracts to protect the life styles of families, financial alternatives in retirement, and estate planning.

~~Permission of the department required.~~

Prerequisite(s): ~~COMM 203.3~~ COMM 104.3

~~Note: Student may receive credit for only one of COMM 329.3 or COMM 429.3. If COMM 329.3 was taken prior to 200609, it can be used in the finance major. If COMM 329.3 was taken in 200609 or after, the class cannot be used in the finance major.~~

Note:-Students may receive credit for only one of COMM 229.3 or COMM 329.3. Students can take both COMM 229.3 and 429.3.

Commented [WS1]: Note that "replace with Free SR Elective" was added in error.

Rationale: To enhance student experience and provide important life skills.

- **Add COMM 304.3 Introduction to Business Law as a required third year course to replace 3 cu of 100 level non-COMM electives in year 3**

COMM 304.3: Introduction to Business Law

An introduction to the general principles of law relating to contract and tort. Special contracts to be considered include agency, assignment, bailment, employment, guarantee, insurance, negotiable instruments, sale of goods and contracts creating a security interest in goods. Some aspects of the law relating to real property, partnerships and corporations will be discussed.

Weekly hours: 3 Lecture hours

Note: Students with credit for COMM 208.3 or BAC 29 cannot take this course for credit.

Rationale: Many professional competency and ethics frameworks, including those for Chartered Professional Accountants, Chartered Financial Analysts, Certified Financial Planners, Canadian Supply Chain Professionals, and Chartered Professionals in Human Resources, include knowledge of business law (e.g., contracts, tort law, governance frameworks, and employment law) as foundational competencies. HROB will consult with other departments to refresh the course curriculum and ensure it is appropriate for the professional competency frameworks

- **Relabel COMM 347.3 Aboriginal Business in Canada to COMM 347.3 Indigenous Business in Canada (for information); and**
- **Add COMM 347.3 Indigenous Business in Canada as a required third year course (to replace a Free SR Elective).**

COMM 347.3: ~~Aboriginal~~ Indigenous Business in Canada

The Saskatchewan and Canadian business landscape is changing. Aboriginal Entrepreneurs and Businesses are making bigger impacts in the business community and this trend will continue. This course is intended to provide knowledge about the unique environment in which aboriginal owned businesses operate. This unique environment creates some interesting opportunities and even more unexpected challenges. The impact of treaties, the Indian Act, Land Claim Settlements and other issues are all discussed in the context of their impact on economic development for aboriginal peoples. This course also examines the best practices related to the legal structures, governance models and management systems of aboriginal businesses by studying successful aboriginal businesses and communities. These case studies focus on Western Canada and specifically Saskatchewan.

Weekly hours: 3 Seminar/Discussion hours

Prerequisite(s): Completion of COMM 101 and 30 credit units of university courses.

Note: Students outside the Edwards School of Business must seek permission from their college. B.Comm. students do not require permission.

RATIONALE: Indigenization is a strategic priority of the university and is vital to our province. We should take a leadership role in the area of Indigenous business as a part of Edwards' mission to "build nations." COMM 347 is an excellent course that situates the Indigenous business context within historical realities, while teaching the tools of economic development, celebrating success

stories, and discussing best practice. The time to add this course to our curriculum is now, before we lose the momentum to others who will try to own this space. Our faculty are passionate about adding Indigenous content to our undergraduate curriculum, but do not feel adequate to add such content with the depth and nuance required. This course allows such depth, is authentic to Edwards' values, and signals to our students and the broader community that we care about Indigenous peoples and organizations.

- **Move ECON 111.3 and ECON 114.3 from year 1 to year 2 of the program.** *(For information)*

Rationale: Students do not require ECON courses as prerequisite for upper year courses. Moving these courses to year 2 gives more flexibility for students to be exposed to the majors earlier on, while still including the topics of economics in the second year of the program.

- **Move COMM 204.3, and COMM 211.3 from year 2 to year 1 of the program.** *(For information)*

Rationale: Student feedback for the last several years has consistently indicated that students desire to take more COMM courses in their first year, with an earlier introduction to the major areas. Students are choosing a major in their second year and, in many cases, may not have had the opportunity to enroll in the introductory course for the major they are interested in. The resequencing of the first and second years of the curriculum gives students earlier exposure to the major areas.

- **Relabel COMM 307.3 Management Information Systems to COMM 213.3, change the prerequisite from COMM 205.3 to COMM 104.3, and move from year 3 to year 2 of the program.** *(For information)*

COMM 307.3 COMM 213.3 Management Information Systems

This course is an introduction to how firms use information technology and systems to achieve corporate objectives, compete in today's business environment and improve performance. Students will also receive experiential training in relevant business applications.

Permission of the department is required.

Restriction(s): Only open to students in the Edwards School of Business.

Prerequisite(s): ~~COMM 205.3~~-COMM 104.3

Note: Students may receive credit for only one of COMM 213.3 or COMM 307.3

Rationale: To enhance the second-year student experience and allow time for students to take more advanced data analytics courses. This will make the second year experience better and require students to take the class before they pick a major.

Name/Number CHanges *(For information)*

- **Change the name of COMM 104.3 from Business Statistics I to COMM 104.3 Foundations of Business Statistics**

COMM 104.3: ~~Business Statistics I~~ Foundations of Business Statistics

Teaches descriptive statistics, index numbers, probability concepts, probability distributions, sampling distributions, statistical inference - estimation and hypothesis testing, and introduces time series forecasting (moving averages and exponential smoothing). Spreadsheet-based statistical functions and/or computer programs will be used to demonstrate the concepts and theory and to analyze practical business situations.

Weekly hours: 3 Lecture hours

Prerequisite(s): Foundations of Math 30, Pre-Calculus 30, or MATH 102

Rationale: To better emphasize the application to managerial decision making

- **Change the name of COMM 207.3 from Business Statistics II to COMM 207.3 Statistics for Business Decisions.**

COMM 207.3: ~~Business Statistics II~~ Statistics for Business Decisions

Teaches inferential statistics, chi-square contingency tests, goodness-of-fit tests, analysis of variance, simple linear regression and correlation, multiple regression and correlation, nonparametric statistics, statistical decision theory, and some statistical applications in quality control. Spreadsheet-based statistical functions and/or computer programs will be used to demonstrate the concepts and theory and to analyze practical business situations.

Weekly hours: 3 Lecture hours

Prerequisite(s): One of (MATH 110.3 or MATH 121.3) and COMM 104.3

Note: Students who wish to use this course toward an Arts & Science credit should first refer to Statistics Course Regulations in the Arts & Science section of the calendar.

Rationale: To better emphasize the application to managerial decision making

CATALOGUE MARKUP FOR YEARS 1, 2, AND 3 AS PER ABOVE CHANGES

Year 1 (30 credit units)

- [COMM 100.3](#) Business Communication+
- [COMM 101.3](#) Introduction to Business
- [COMM 104.3](#) ~~Business Statistics I~~ Foundations of Business Statistics
- [COMM 105.3](#) Introduction to Organizational Behaviour
- [COMM 121](#): Business Math
- [COMM 204.3](#) Introduction to Marketing
- [COMM 211.3](#) Human Resource Management
- [COMM 229.3](#) Personal Financial Management
- ~~[COMM 119.3](#) Skills for Academic Success~~
- ~~[ECON 111.3](#) Introductory Microeconomics~~
- ~~[ECON 114.3](#) Introductory Macroeconomics~~
- ~~[MATH 121.3](#) Mathematical Analysis for Business and Economics~~

Mathematics

Students who are particularly strong in Mathematics and who may wish to undertake additional studies in university level Mathematics are encouraged to take [MATH 110.3](#) Calculus I.

Course Equivalents-Statistics Courses

Please note the following regarding Statistics courses ~~course equivalent relationships~~:

COMM 104.3 Business Statistics I Foundations of Business Statistics

~~The following courses are equivalent to COMM 104 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program.~~

The following courses ~~are equivalent to~~ can be used in place of COMM 104 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program. Students wishing to pursue further studies in Statistics should review the Arts & Science Statistics Course Regulations and consult with an academic advisor:

- [EE 216.3](#) Probability Statistics and Numerical Methods
- [GE 210.3](#) Probability and Statistics
- [PLSC 214.3](#) Statistical Methods
- [PSY 233.3](#) Statistical Methods in Behavioural Sciences
- [STAT 241.3](#) Probability Theory
- [STAT 244.3](#) Elementary Statistical Concepts
- [STAT 245.3](#) Introduction to Statistical Methods
- [STAT 246.3](#) Introduction to Biostatistics
- ~~[SOC 225.3](#) An Introduction to Survey Research and Data Analysis in Sociology~~

COMM 207.3 Business Statistics II Statistics for Business Decisions

~~The following courses are equivalent to COMM 207 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program.~~

The following courses ~~are equivalent to~~ can be used in place of COMM 207 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program. Students wishing to pursue further studies in Statistics should review the Arts & Science Statistics Course Regulations and consult with an academic advisor:

- [STAT 242.3](#) Statistical Theory and Methodology
- [PSY 234.3](#) Statistical Methods in Behavioural Sciences
- ~~[SOC 240.3](#)~~
- ~~[SOC 325.3](#) Applied Quantitative Research in Sociology~~

STAT 103.3

STAT 103 is NOT equivalent to either COMM 104 or COMM 207, but CAN be used as a non-Commerce elective (a Natural Science class) if taken prior to COMM 104 or an equivalent.

NOTE: the following courses CANNOT be used in the B.Comm. program.

- AGRC 290.3
- AGRC 291.3
- BPBE 320.3

Commented [PV2]: This section has been updated to make it clear that these are B.Comm. substitutions only and these notes do not supersede the Arts & Science regulations

Commented [PV3]: There is no SOC 240.

~~MATH 100.6~~ MATH 150.3

- **MATH 101.3** Quantitative Reasoning
- all ENT classes

Commented [WS4]: MATH 100 was replaced by MATH 150, University Course Challenge, December 2019.

Non-COMM Elective

Choose **6 3 credit units** from the following:

~~Humanities and/or Social Sciences are suggested in year 1. Please note that 18 12 credit units of 100-level non-Commerce electives are required in the entire B.Comm. program and at least X of the 12 credit units must be Humanities and/or Social Sciences. Most statistics classes and CLAS classes are not acceptable to meet the Humanities requirement.~~

- 100-level non-Commerce elective

*PSY 101 will not be accepted for credit.

English Language Requirement

Choose **3 credit units** from the following:

- ENG 110.6 Literature and Composition
- ENG 111.3 Literature and Composition Reading Poetry
- ENG 112.3 Literature and Composition Reading Drama
- ENG 113.3 Literature and Composition Reading Narrative
- ENG 114.3 Literature and Composition Reading Culture
- ENG 120.3 Introduction to Creative Writing
- ESL 116.3 Reading and Writing of Academic Texts
- HIST 115.3 History Matters Ideas and Culture
- HIST 125.3 History Matters Indigenous Colonial and Post Colonial Histories
- HIST 135.3 History Matters Gender Sex and Society
- HIST 145.3 History Matters War Violence and Politics
- HIST 155.3 History Matters Science and Environment
- HIST 165.3 History Matters Health and Society
- HIST 175.3 History Matters Identities and Communities in Transition
- HIST 185.3 History Matters Conflict Law Politics and the State
- HIST 193.3 History Matters Topics in Canadian History
- HIST 194.3 History Matters Topics in European History
- MUS 155.3 Music in History and the Present
- PHIL 115.3 Introductory Indigenous Philosophy
- PHIL 120.3 Knowledge Mind and Existence
- PHIL 121.3 Introduction to World Philosophies
- PHIL 133.3 Introduction to Ethics and Values

Year 2 (30 credit units)

- **COMM 201.3** Introduction to Financial Accounting
- **COMM 203.3** Introduction to Finance
- **COMM 205.3** Introduction to Operations Management
- **COMM 207.3** ~~Business Statistics II~~ Statistics for Business Decisions

- [COMM 210.3](#) Introduction to Management Accounting
- [COMM 213.3](#) Management Information Systems
- [ECON 111.3](#) Introductory Microeconomics
- [ECON 114.3](#) Introductory Macroeconomics
- ~~[COMM 204.3](#) Introduction to Marketing~~
- ~~[COMM 211.3](#) Human Resource Management~~

Choose 6 credit units from the following:

- 100-level non-Commerce electives

Choose 3 credit units from the following:

- senior level non-Commerce electives

Mathematics

Students who are particularly strong in Mathematics and who may wish to undertake additional studies in university level Mathematics are encouraged to take [MATH 110.3](#) Calculus I.

Course Equivalents-Statistics Courses

Please note the following regarding Statistics courses course equivalent relationships:

COMM 104.3 Business Statistics-I Foundations of Business Statistics

The following courses are equivalent to COMM 104 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program:

The following courses are equivalent to can be used in place of COMM 104 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program. Students wishing to pursue further studies in Statistics should review the Arts & Science Statistics Course Regulations and consult with an academic advisor:

- [EE 216.3](#) Probability Statistics and Numerical Methods
- [GE 210.3](#) Probability and Statistics
- [PLSC 214.3](#) Statistical Methods
- [PSY 233.3](#) Statistical Methods in Behavioural Sciences
- [STAT 241.3](#) Probability Theory
- [STAT 244.3](#) Elementary Statistical Concepts
- [STAT 245.3](#) Introduction to Statistical Methods
- [STAT 246.3](#) Introduction to Biostatistics
- ~~[SOC 225.3](#) An Introduction to Survey Research and Data Analysis in Sociology~~

COMM 207.3 Business Statistics-II Statistics for Business Decisions

The following courses are equivalent to COMM 207 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program:

The following courses are equivalent to can be used in place of COMM 207 in the B.Comm. program and CANNOT be used as non-Commerce electives in the B.Comm. program. Students wishing to

Commented [PV5]: This section has been updated to make it clear that these are B.Comm. substitutions only and these notes do not supersede the Arts & Science regulations

pursue further studies in Statistics should review the Arts & Science Statistics Course Regulations and consult with an academic advisor:

- [STAT 242.3](#) Statistical Theory and Methodology
- [PSY 234.3](#) Statistical Methods in Behavioural Sciences
- ~~SOC 240.3~~
- ~~SOC 325.3 Applied Quantitative Research in Sociology~~

Commented [PV6]: There is no SOC 240.

STAT 103.3 Elementary Probability

STAT 103 is NOT equivalent to either COMM 104 or COMM 207, but CAN be used as a non-Commerce elective (a Natural Science class) if taken prior to COMM 104 or an equivalent.

NOTE: the following courses CANNOT be used in the B.Comm. program.

- AGRC 290.3
- AGRC 291.3
- BPBE 320.3
- ~~MATH 100.6~~ MATH 150.3
- [MATH 101.3](#) Quantitative Reasoning
- all ENT classes

Commented [WS7]: MATH 100 was replaced by MATH 150, University Course Challenge, December 2019.

Year 3 (30 credit units) (Note: remaining year 3 requirements vary by major. The following changes will apply to all majors. See full changes by major below.)

- ~~COMM 304.3~~ Introduction to Business Law
- [COMM 306.3](#) Ethics and Strategic Decision Making
- ~~COMM 307.3~~ Management Information Systems
- [COMM 347.3](#) Indigenous Business in Canada

Choose 6 credit units from the following:

~~100 level non-Commerce electives~~

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
- 300 level or higher COMM non-COMM

Commented [WS8]: Note: this was intended to be "any level non-Commerce elective OR 300 level or higher COMM" not "non-COMM."

CHANGES TO MAJORS

ACCOUNTING

New Course

- Regularize [COMM 398.3](#) Data Analytics for Accountants as [COMM 324.3](#) Data Analytics for Accountants

COMM 324.3 Data Analytics for Accountants

This course introduces students to the role that data analytics plays in the modern practice of accounting. Students are first introduced to the different types of data that accountants have access to and would be useful for analysis purposes and are instructed on the manipulation of data into

forms and variables useful for analytical purposes. The primary purpose of this class is to gain an understanding of the types of data that accountants perform analytics on, manipulating the raw data into variables to be analyzed, identifying what types of questions that existing data can answer, and presenting findings in language that clients and superiors understand.

PREREQUISITE: COMM 210.3

Departmental Approval Required

Rationale: The accounting profession is evolving rapidly. In addition to general data analytic skills and knowledge, accountants require specific knowledge on the sources and uses of data for analytical purposes in their profession (for example, within auditing, tax planning, and managerial accounting).

Changes to the Accounting major are as a result those motions in CORE above

Year 3 (30 credit units)

Core Requirements (9cu)

- **COMM 304.3** Introduction to Business Law
- **COMM 306.3** Ethics and Strategic Decision Making
- ~~**COMM 307.3** Management Information Systems~~
- **COMM 347.3** Indigenous Business in Canada

Accounting Major Requirements (12cu)

- **COMM 308.3** Cost Management Systems
- **COMM 321.3** Corporate Financial Reporting I
- **COMM 323.3** Corporate Financial Reporting II
- **COMM 337.3** Business Information and Accounting Systems

~~Choose 6 credit units from the following:~~

- ~~100 level non-Commerce electives~~

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
300 level or higher non-COMM

Choose 6 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Year 4 (30 credit units)

Core Requirements (6 cu)

- **COMM 401.3** Business Strategy
- **COMM 447.3** Entrepreneurship & Venture Development

Accounting Major Requirements (21 cu)

- [COMM 406.3](#) Liability for Tax and Computation of Net Income
- [COMM 407.3](#) Individual and Corporate Taxes Payable and Tax Planning
- [COMM 412.3](#) Accounting Theory
- [COMM 414.3](#) Integrative Analysis of Accounting Issues and Problems
- [COMM 421.3](#) External Auditing
- [COMM 433.3](#) Accounting for Equity Interests
- [COMM 438.3](#) Management Planning and Control Systems

Choose 3 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Change to Finance major requirements

- Increase Finance major requirements to 24cu, including [COMM 363.3](#), [COMM 367.3](#), [COMM 461.3](#), and 15cu of the following finance electives: [COMM 419.3](#), [COMM 429.3](#), [COMM 465.3](#), [COMM 466.3](#), [COMM 467.3](#), [COMM 469.3](#) or [COMM 471.3](#)

Rationale: The main consequence of this change is to remove [COMM 364.3](#) and [COMM 368.3](#) as finance electives (although these courses will remain COMM electives and are expected to retain a robust enrollment). The purpose is to require a deeper knowledge of finance from our graduating students, particularly advanced theoretical knowledge from fourth-year courses, and to better align with the requirements of CFA affiliation.

The following changes reflect the changes to the major requirements as well as those in core above:

Year 3 (30 credit units)

Core Requirements (9 cu)

- [COMM 304.3](#) Introduction to Business Law
- [COMM 306.3](#) Ethics and Strategic Decision Making
- ~~[COMM 307.3](#) Management Information Systems~~
- [COMM 347.3](#) Indigenous Business in Canada

Finance Major Requirements (12 cu)

Finance major requirements will be in effect for students entering the Finance (FIN) major in the 2021-22 academic year. Students currently in the FIN major will be allowed to complete the major requirements for the academic year in which they were admitted.

- [COMM 363.3](#) Intermediate Corporate Finance
- [COMM 367.3](#) Security Analysis and Evaluation

Choose 6 credit units from the following:

Finance Major Electives

- ~~[COMM 364.3](#) Risk and Insurance~~
- ~~[COMM 368.3](#) Entrepreneurial Finance and Venture Capital~~
- [COMM 419.3](#) Derivative Securities and Risk Management

- [COMM 429.3](#) Personal Financial Planning
- [COMM 465.3](#) Applied Financial Modeling
- [COMM 466.3](#) International Business Finance
- [COMM 467.3](#) Portfolio Theory and Management
- [COMM 469.3](#) Management of Financial Institutions
- [COMM 471.3](#) Applied Investment Management

Choose 6 credit units from the following:

~~— 100-level non-Commerce electives~~

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
300 level or higher non-COMM

Choose 6 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Year 4 (30 credit units)

Core Requirements (6 cu)

- [COMM 401.3](#) Business Strategy
- [COMM 447.3](#) Entrepreneurship & Venture Development

Finance Major Requirements (12 cu)

Finance major requirements will be in effect for students entering the Finance (FIN) major in the 2021-22 academic year. Students currently in the FIN major will be allowed to complete the major requirements for the academic year in which they were admitted.

- ~~[COMM 461.3](#) Theory of Finance~~ Corporate Finance Theory

Choose 6.9 credit units from the following:

Finance Major Electives

~~Note: at least 6 credits of FIN major electives must be at the 400-level~~

- ~~— [COMM 364.3](#) Risk and Insurance~~
- ~~— [COMM 368.3](#) Entrepreneurial Finance and Venture Capital~~
- [COMM 419.3](#) Derivative Securities and Risk Management
- [COMM 429.3](#) Personal Financial Planning
- [COMM 465.3](#) Applied Financial Modeling
- [COMM 466.3](#) International Business Finance
- [COMM 467.3](#) Portfolio Theory and Management
- [COMM 469.3](#) Management of Financial Institutions
- [COMM 471.3](#) Applied Investment Management

Choose 15.12 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Changes to Course Names and Descriptions (For information)

Change the name of COMM 461.3 Theory of Finance to COMM 461.3 Corporate Finance Theory.

COMM 461.3: ~~Theory of Finance~~ Corporate Finance Theory

Intensive treatment is given to selected areas of finance, including capital budgeting; cost of capital and capital structure, dividend policy, evaluation of growth and expansion of business firms and evaluation of portfolio performance.

Rationale: The title more accurately reflects the content of the course.

- **Change course description for COMM 465.3: Applied Financial Modeling**

COMM 465.3: Applied Financial Modeling

Applied financial modelling focuses primarily on modelling for corporate financial decisions using excel in a lab setting. It is expected to cover the use of most built-in excel financial functions, some macros, and several essential utilities such as conditional formatting, goal seek, data tables, pivot tables, power pivot and data utilities, solver, random numbers, arrays, and matrix operations for financial decision making. The course is expected to require significant cooperative work in groups, use of approved online resources such as Bloomberg terminals, company reports, cases and Microsoft Excel.

~~Applies spreadsheet software to analyse corporate and investment finance theory. Consideration will be given to good model building practices such as model structure, cell reference, array labelling, unit of measurement choice, function usage, and macro usage. Particular attention will be paid to the topics of decision analysis, sensitivity analysis, estimation and forecasting, optimisation, and simulation.~~

Rationale: The instructor has made some changes to the course so the description should capture the updates. He wants to make sure that Bloomberg is included in the description.

HUMAN RESOURCES

Changes to the HR major are as a result those motions in CORE above

Year 3 (30 credit units)

Core Requirements (9 cu)

- o **COMM 304.3** Introduction to Business
- o **COMM 306.3** Ethics and Strategic Decision Making
- ~~o **COMM 307.3** Management Information Systems~~
- o **COMM 347.3** Indigenous Business in Canada

Human Resources Major Requirements (12 cu)

- o **COMM 342.3** Organization Structure and Design

- [COMM 343.3](#) Recruitment Selection and Engagement
- [COMM 381.3](#) Industrial Relations
- [COMM 385.3](#) Training and Development

Choose 6 credit units from the following:

— ~~100-level non-Commerce electives~~

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
- 300 level or higher non-COMM

Choose 6 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Year 4 (30 credit units)

Core Requirements (6cu):

- [COMM 401.3](#) Business Strategy
- [COMM 447.3](#) Entrepreneurship & Venture Development

Human Resources Major Requirements (12 cu)

- [COMM 488.3](#) Strategic Compensation

Choose 9 credit units from the following:

Human Resources Major Electives

- [COMM 348.3](#) Leadership
- [COMM 382.3](#) Employment Law
- [COMM 384.3](#) Workplace Health and Safety
- [COMM 387.3](#) Labour Law
- [COMM 487.3](#) Collective Agreement Arbitration
- [COMM 489.3](#) Strategic Human Resource Management

Choose 12 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Changes to Management Major Electives (for information)

- **Add/remove the following courses to the list of management electives as follows: (for information)**
 - Group 1 – Marketing: Add COMM 450.3 Issues in Marketing, COMM 452.3 Services Marketing, COMM 454.3 Retail and Digital Marketing, COMM 457.3 Marketing and Popular Culture, COMM 458.3 Branding, and COMM 470.3 Personal Selling
 - Group 2 – Accounting: Add COMM 324.3 Data Analytics for Accountants

- Group 3 – Finance: Remove COMM 329.3 Personal Finance and COMM 471.3 Applied Investment Management; Add COMM 371.3 Applied Security Analysis, COMM 419.3 Derivative Securities and Risk Management, COMM 429.3 Personal Financial Management, and COMM 467.3 Portfolio Theory and Management
- Group 4 – Human Resources – Add COMM 384.3 Occupational Health and Safety and COMM 387.3 Labour Law
- Group 5 – Supply Chain Management – Add COMM 311.3 Business Analytics and COMM 497.3 Project Management

Rationale: In consultation with department heads from each department, courses that are no longer offered or that management students cannot take due to missing prerequisites were removed from the courses offered to management students. Courses that had been added to each department's curriculum over the past years, or for 2021, were added to the courses offered to management students, as appropriate.

Changes are as per changes to the management major electives and those above to core.

Year 3 (30 credit units)

Core Requirements

- **COMM 304.3** Introduction to Business Law
- **COMM 306.3** Ethics and Strategic Decision Making
- ~~**COMM 307.3** Management Information Systems~~
- **COMM 347.3** Indigenous Business in Canada

Management Major Requirements

Choose 15 credit units from Groups 1 to 6

NOTE: Within the total of 30 credit units required in the Management major:

- a maximum of 9 credit units can be chosen from each of Groups 1-5
- a minimum of 3 credit units must be chosen from at least 5 of the 6 subject groups
- at least 3 credit units must be at the 400-level

Group 1 - Marketing

- **COMM 352.3** Marketing Strategy
- **COMM 354.3** Consumer Behaviour
- **COMM 357.3** Marketing Research
- **COMM 358.3** Sales Management
- **COMM 450.3** Issues in Marketing
- **COMM 451.3** Integrated Marketing Communication
- **COMM 452** Services Marketing
- **COMM 454** Retail and Digital Marketing
- **COMM 456.3** International Marketing
- **COMM 457.3** Marketing and Popular Culture
- **COMM 458.3** Branding

- **COMM 470.3** Personal Selling

Group 2 - Accounting

- **COMM 321.3** Corporate Financial Reporting I
- **COMM 323.3** Corporate Financial Reporting II
- **COMM 324.3** Data Analytics for Accountants
- **COMM 405.3** Taxation and Business Decisions
- **COMM 410.3** Financial Statements Analysis

Group 3 - Finance

- ~~**COMM 329.3** Personal Finance~~
- **COMM 363.3** Intermediate Corporate Finance
- **COMM 364.3** Risk and Insurance
- **COMM 367.3** Security Analysis and Evaluation
- **COMM 368.3** Entrepreneurial Finance and Venture Capital
- **COMM 371.3** Applied Security Analysis
- **COMM 419.3** Derivative Securities and Risk Management
- **COMM 429.3** Personal Financial Management
- **COMM 466.3** International Business Finance
- **COMM 467.3** Portfolio Theory and Management
- ~~**COMM 471.3** Applied Investment Management~~

Group 4 - Human Resources

- **COMM 342.3** Organization Structure and Design
- **COMM 343.3** Recruitment Selection and Engagement
- **COMM 348.3** Leadership
- **COMM 381.3** Industrial Relations
- **COMM 382.3** Employment Law
- **COMM 384.3** Occupational Health and Safety
- **COMM 387.3** Labour Law
- **COMM 488.3** Strategic Compensation

Group 5 - ~~Operations Management~~ Supply Chain Management

- **COMM 311.3** Business Analytics
- **COMM 393.3** Spreadsheet Modeling for Business Decisions
- **COMM 395.3** Business Forecasting
- **COMM 491.3** Purchasing and Supply Management
- **COMM 493.3** Total Quality Management
- **COMM 495.3** Supply Chain Management
- **COMM 497** Project Management

Group 6 - Management

- **COMM 340.3** Introduction to International Business
- **COMM 345.3** Business and Public Policy

- [COMM 346.3](#) Technology Commercialization
- [COMM 347.3](#) Aboriginal Business in Canada
- [COMM 349.3](#) Introduction to Entrepreneurship
- [COMM 448.3](#) Management Consulting Project

~~Choose 6 credit units from the following:~~

~~— 100 level non-Commerce electives~~

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
300 level or higher non-COMM

Choose 3 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

~~Choose 3 credit units from the following:~~

~~— free senior electives (200 level or higher non-COMM or 300 level or higher COMM)~~

Commented [WS9]: This requirement was inadvertently added twice.

Year 4 (30 credit units)

Core Requirements (6 cu)

- [COMM 401.3](#) Business Strategy
- [COMM 447.3](#) Entrepreneurship & Venture Development

Management Requirements

Choose 15 credit units from Groups 1 to 6

- NOTE: Within the total of 30 credit units required in the Management major:
- a maximum of 9 credit units can be chosen from each of Groups 1-5
- a minimum of 3 credit units must be chosen from at least 5 of the 6 subject groups
- at least 3 credit units must be at the 400-level

Group 1 - Marketing

- [COMM 352.3](#) Marketing Strategy
- [COMM 354.3](#) Consumer Behaviour
- [COMM 357.3](#) Marketing Research
- [COMM 358.3](#) Sales Management
- [COMM 450.3](#) Issues in Marketing
- [COMM 451.3](#) Integrated Marketing Communication
- [COMM 452](#) Services Marketing
- [COMM 454](#) Retail and Digital Marketing
- [COMM 456.3](#) International Marketing
- [COMM 457.3](#) Marketing and Popular Culture
- [COMM 458.3](#) Branding

- **COMM 470.3** Personal Selling

Group 2 - Accounting

- **COMM 321.3** Corporate Financial Reporting I
- **COMM 323.3** Corporate Financial Reporting II
- **COMM 324.3** Data Analytics for Accountants
- **COMM 405.3** Taxation and Business Decisions
- **COMM 410.3** Financial Statements Analysis

Group 3 - Finance

- ~~- **COMM 329.3** Personal Finance~~
- **COMM 363.3** Intermediate Corporate Finance
- **COMM 364.3** Risk and Insurance
- **COMM 367.3** Security Analysis and Evaluation
- **COMM 368.3** Entrepreneurial Finance and Venture Capital
- **COMM 371.3** Applied Security Analysis
- **COMM 419.3** Derivative Securities and Risk Management
- **COMM 429.3** Personal Financial Management
- **COMM 466.3** International Business Finance
- **COMM 467.3** Portfolio Theory and Management
- ~~- **COMM 471.3** Applied Investment Management~~

Group 4 - Human Resources

- **COMM 342.3** Organization Structure and Design
- **COMM 343.3** Recruitment Selection and Engagement
- **COMM 348.3** Leadership
- **COMM 381.3** Industrial Relations
- **COMM 382.3** Employment Law
- **COMM 384.3** Occupational Health and Safety
- **COMM 387.3** Labour Law
- **COMM 488.3** Strategic Compensation

Group 5 - ~~Operations Management~~ Supply Chain Management

- **COMM 311.3** Business Analytics
- **COMM 393.3** Spreadsheet Modeling for Business Decisions
- **COMM 395.3** Business Forecasting
- **COMM 491.3** Purchasing and Supply Management
- **COMM 493.3** Total Quality Management
- **COMM 495.3** Supply Chain Management

Group 6 - Management

- **COMM 340.3** Introduction to International Business
- **COMM 345.3** Business and Public Policy
- **COMM 346.3** Technology Commercialization

- [COMM 347.3](#) Aboriginal Business in Canada
- [COMM 349.3](#) Introduction to Entrepreneurship
- [COMM 448.3](#) Management Consulting Project

Choose 9 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

New Course & Change to Marketing Major Courses

- Introduce COMM 473 Advanced Marketing Strategy as a new class and add as a required fourth year marketing course (to replace 3 cu of Free Senior Elective taken in the fourth year).

COMM 473.3 Advanced Marketing Strategy

This course is designed to lead students through the advanced marketing strategy planning process for a specific marketing project, including developing and presenting a proposal through to completion of the project. Students will learn how to specify marketing challenges faced by organizations, propose appropriate methods to research the underlying issues, analyze the results of the research, and present conclusions and recommendations for how to address the challenges. Students will work in groups and with actual clients as they build their understanding of the fast-evolving marketing environment.

Prerequisites: COMM 352.3, COMM 354.3, COMM 357.3

Departmental approval required

Rationale: The Marketing major is the only major in the Bachelor of Commerce degree without a capstone course. COMM 4XX Advanced Marketing Strategy will provide an excellent opportunity for Marketing majors to integrate their marketing knowledge from across all years of study. The Edwards School of Business is frequently approached by local organizations and businesses interested in working with students on marketing-related projects.

Changes to Marketing Major Electives *(For information)*

Add COMM 311.3 Business Analytics and COMM 470.3 Personal Selling to the list of marketing major electives.

Rationale: As the marketing major cannot staff its own business analytics course, COMM 311 has been added to the marketing major to fulfill this knowledge base. COMM 470 has been taught twice as a 498 marketing elective and has now been regularized.

Changes to Marketing Major

Changes are as per changes to marketing major courses as well as those changes above to core:

Marketing requirements will be in effect for students entering the Marketing major in the 2021-22 academic year. Students currently in the Marketing major will be allowed to complete the major requirements for the academic year in which they were admitted.

Year 3 (30 credit units)

Core Requirements (9 cu)

- **COMM 304.3** Introduction to Business Law
- **COMM 306.3** Ethics and Strategic Decision Making
- ~~**COMM 307.3** Management Information Systems~~
- **COMM 347.3** Indigenous Business in Canada

Marketing Major Requirements (12 cu)

- **COMM 340.3** Introduction to International Business
- **COMM 352.3** Marketing Strategy
- **COMM 354.3** Consumer Behaviour
- **COMM 357.3** Marketing Research

Choose 3 credit units from the following:

- 100-level non-Commerce electives

Choose 3 credit units from the following:

- Any level non-Commerce elective OR
300 level or higher non-COMM

Choose 6 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

Year 4 (30 credit units)

Core Requirements (6 cu)

- **COMM 401.3** Business Strategy
- **COMM 447.3** Entrepreneurship & Venture Development

Marketing Major Requirements (12 cu)

- **COMM 473.3** Advanced Marketing Strategy

Choose 9 credit units from the following:

Marketing Major Electives

- **COMM 311.3** Business Analytics
- **COMM 358.3** Sales Management
- **COMM 450.3** Issues in Marketing
- **COMM 451.3** Integrated Marketing Communication
- **COMM 452.3** Services Marketing
- **COMM 454.3** Retail and Digital Marketing
- **COMM 456.3** International Marketing
- **COMM 457.3** Marketing and Popular Culture
- **COMM 458.3** Branding
- **COMM 470.3** Personal Selling

~~—COMM 491.3 Purchasing and Supply Management~~

~~—COMM 495.3 Supply Chain Management~~

Choose ~~15~~ 12 credit units from the following:

- free senior electives (200 level or higher non-COMM or 300 level or higher COMM)

New Courses in Finance & Management Science

- **Introduce new COMM 497.3 Logistics Management course.**

COMM 497.3 Logistics Management

Logistics management consists of various activities including movement, storage, and control of raw material, supplies and finished products across a supply chain in an efficient and effective manner. Hence, logistics management is an important part of supply chain management. The goal of this course is to provide a rigorous guide to the models the managers use in dealing with logistics problems in the real-world, including, but not limited to, cost/benefit trade-off analysis, choosing 3PLs, modeling logistics problems and solving the developed models using various approaches. This course reviews several past and current topics as well as the future trends in the realm of logistics management. Several case studies will be presented for class discussion.

Prerequisite: COMM 205.3

Rationale: This course covers important material not currently covered within the OM (SCM) major. It is a major component of the SCMP accreditation material.

- **Regularize COMM 498.3 Project Management as COMM 496.3 Project Management.**

COMM 496.3 Project Management

Project management is more than merely parceling out work assignments to individuals and hoping that they will somehow accomplish the desired result. In fact, projects that could have been successful often fail because of such take-it-for-granted approaches. Individuals need hard information and real skills to work successfully in a project environment and to accomplish project objectives. Topics include project management lifecycle and process; identifying and selecting projects; developing a project proposal; techniques for planning, scheduling, resource assignment, budgeting, and controlling project performance; project risks; project manager's responsibilities and skills; project team development and effectiveness; project communication and documentation; and project management organizational structures. The concepts in the course support the project management knowledge areas of the Project Management Institute's A Guide to the Project Management Body of Knowledge (PMBOK® Guide). Students will also receive experiential training in Excel and Microsoft Project.

Prerequisite: COMM 205.3

Restrictions: Departmental approval required

Rationale: Value proposition (Individual, Industry, and Society):

1. Students: Project management is an essential skill to acquire; it is always in demand regardless of the industry. Management graduates will be involved in small to a large project in different

capacities. For individual results in increased job opportunity, higher salaries and more opportunities for advancement.

2. Industry and Society: According to the project management institute report published on project management job, growth and talent gap highlights that 87.7 million individual will be required working in project management related roles by 2027. Out of these Canada will require nearly 800,000 professionals by 2027 with project management education and experience with approximately 8,900 jobs projected annually. (<https://www.pmi.org/-/media/pmi/documents/public/pdf/learning/job-growth-report.pdf>)

3. ESB and USASK: Adding project management to the course portfolio will enhance the offerings for both the Edwards School of Business and other schools and colleges at USASK. This course can be offered as an elective to other USASK schools and colleges.

4. ESB and USASK: This complements existing courses such as Introduction to Operations Management (COMM 205) and Management Information Systems (COMM 307), students are introduced to basic project management terminology in these courses. Adding the project management course will allow students to have fundamental and practical knowledge in project management principles and tools respectively.

- **Regularize COMM 498.3 Business Analytics as COMM 311.3 Business Analytics.**

COMM 311.3 Business Analytics

This course introduces students to Business Analytics, allowing them develop skills and apply tools for analysing the complexities of today's competitive business environment to inform management decisions. This course entails 1. Database management topics, including advanced database design, data storage, and data retrieval from the database (using, for example, SQL). 2. Data visualization to discover patterns associated with products, business processes, services, customers, and the external environment (using, for example, Tableau and R). 3. Data preparation topics including cleansing, reorganizing, and manipulating data (using, for example, R). 4. Business applications including classification, clustering, and association to support decision making.

Prerequisites: COMM 207.3 and 213.3

Rationale: Data management has become a critical function of modern business. This course introduces students with the tools and techniques, and it provides them hands on experience using software to organize and analyse this data. The course is a natural extension of COMM 307 Management Information Systems.

School of Environment and Sustainability University Course Challenge Submission Changes to Certificate in Sustainability September 2020

Overview and Rationale Regarding Proposed Changes:

SENS is proposing to add additional options for Indigenous learning courses in the Certificate. When the Certificate was conceived of and implemented in 2014, there were fewer courses on campus focusing on Indigenous learning. At that time, INDG 107 was included as a required course for the Certificate (one of three, along with ENV5 201 and ENV5 401). As different units and colleges move toward Indigenization, the number of courses suitable for inclusion in the Certificate has increased, and will likely continue to do so. Furthermore, with increasing numbers of departments adding an Indigenous focused course in their programs, it is a reality that not all students will have the flexibility to complete both INDG 107 and one or more additional Indigenous learning courses that they may take as a major requirement.

To accommodate these shifts on campus, we are proposing the addition of a suite of Indigenous learning courses (those approved by AgBio, and Arts & Science), to be included as electives to meet the Indigenous learning requirement for the Certificate. Completion of any course from this category will satisfy this Indigenous learning Certificate requirement (one of these courses could be taken instead of INDG 107). As this is a certificate that is open to any U of S student our goal is to make it as accessible as possible and to allow any interested student to learn more about sustainability. For these reasons we propose to make the Indigenous learning component of the Certificate a three credit unit requirement that can be satisfied through a number of different course options.

The proposed changes to the Certificate in Sustainability can be seen below in **red**.

Certificate in Sustainability

Would you like to apply to this program?

[Admission requirements](#)

The Certificate in Sustainability is intended to give students theoretical, methodological, strategic, and substantive exposure to sustainability-related concepts and practice. Students will choose either the natural resources and sustainability focus, the community and sustainability focus or the food systems and sustainability focus. The certificate will allow students to engage in problem-based, experiential learning across a broad range of sustainability topics. The program will begin in the student's second year with ENV5 201.

Program Requirements

[Certificate in Sustainability - \(Cert.\) \(21 credit units\)](#)

Required Courses (~~9~~ 6 credit units):

- [ENV5 201.3](#)
- [ENV5 401.3](#)
- ~~[INDG 107.3](#)~~ (moved below)

Indigenous Learning for Sustainability (3 credit units):

Choose **3 credit units** from the following elective courses:

- ANTH 202.3
- ANTH 480.3
- ARCH 350.3
- AREC 220.3
- DRAM 111.3
- ENG 242.3
- ENG 243.3
- ENG 335.3
- HIST 195.3
- HIST 266.3
- **INDG 107.3**
- LING 253.3
- PLAN 445.3*
- POLS 222.3
- INDG 200-Level, 300-Level, 400-level*

*These courses may not be used to count as credit for both Indigenous Learning, and Area of Focus electives

Techniques and Tools for Sustainability (3 credit units)

Choose **3 credit units** from the following elective courses:

- ENVE 381.3
- EVSC 203.3
- GEOG 290.3
- GEOG 385.3
- GEOG 386.3
- NDG 210.3
- RRM 323.2 and RRM 201.1
- SOC 225.3
- SOC 232.3

Area of Focus (9 credit units)

Students must choose one of the following three areas of focus, in consultation with an advisor:

Please note in each area of focus there are thesis and/or research course options listed. If a student chooses to use one of these courses towards the completion of the certificate it must be demonstrated to the certificate coordinator that the thesis pursued has a focus on sustainability and the theme of the chosen area of focus.

Natural Resources and Sustainability Focus

Elective Courses (9 credit units):

Choose one of:

- BIOL 228.3
- ECON 275.3
- ECON 277.3
- ENVE 201.3
- ENVE 212.3
- EVSC 210.3
- EVSC 220.3
- GEOG 280.3
- PHIL 226.3
- PHIL 231.3
- PHIL 236.3
- PLSC 213.3
- TOX 200.3

Choose one of:

- ANBI 375.3
- AREC 330.3
- BIOL 373.3
- CHEM 375.3
- ECON 376.3
- EVSC 380.3
- GEOG 333.3
- GEOG 351.3
- PLAN 329.3
- RRM 312.3
- SLSC 350.3
- TOX 301.3

Choose one of:

- AREC 430.3
- BIOL 410.3
- BIOL 412.3
- BIOL 470.3
- BIOL 475.3
- ENVE 432.3
- EVSC 421.3
- EVSC 430.3
- EVSC 492.3
- EVSC 494.3

- GEOG 490.3
- PLSC 413.3
- PLSC 422.3
- PLSC 423.3
- PLSC 425.3
- PLSC 492.3
- PLSC 494.6
- SLSC 492.3
- SLSC 494.6

Community and Sustainability Focus

Elective Courses (9 credit units):

Choose one of:

- ANTH 240.3
- ANTH 244.3
- ECON 275.3
- ECON 277.3
- GEOG 208.3
- GEOG 240.3
- GEOG 280.3
- HIST 257.3
- HIST 258.3
- HIST 263.3
- HIST 290.3
- INTS 203.3
- PHIL 226.3
- PHIL 231.3
- PHIL 236.3
- POLS 226.3
- RLST 210.3
- SOC 202.3
- SOC 204.3
- SOC 206.3
- SOC 227.6
- WGST 210.3

Choose one of:

- ANTH 329.3
- ARCH 357.3
- AREC 330.3
- GEOG 340.3
- GEOG 352.3
- GEOG 364.3

- GEOG 380.3
- GEOG 381.3
- PLAN 341.3
- PLAN 342.3
- PLAN 346.3
- POLS 326.3
- POLS 328.3
- SOC 344.3

Choose one of:

- ANBI 475.3
- ANTH 401.3
- AREC 430.3
- AREC 432.3
- CHEP 402.3
- GEOG 464.3
- GEOG 491.3
- HIST 459.3
- INDG 451.6
- INTS 400.3
- PLAN 441.3
- PLAN 445.3
- PLAN 446.3
- POLS 403.3
- POLS 422.3
- SOC 409.3
- SOC 421.3
- WGST 411.3

Food Systems and Sustainability Focus

Elective Courses (9 credit units):

Choose one of:

- AREC 251.3
- AGRC 211.3
- PLSC 235.3

Choose one of:

- ANBI 375.3
- ANSC 301.3
- AREC 330.3
- EVSC 380.3
- FABS 371.3

- PLSC 345.3
- RRM 312.3
- SLSC 313.3

Choose one of:

- AREC 432.3
- AREC 451.3
- EVSC 492.3
- EVSC 494.6
- FABS 401.3
- FABS 432.3
- FABS 436.3
- FABS 450.3
- FABS 492.3
- FABS 494.6
- GEOG 491.3
- PLSC 401.3
- PLSC 413.3
- PLSC 418.3
- PLSC 422.3
- PLSC 492.3
- PLSC 494.6
- SLSC 492.3
- SLSC 494.6
- SOC 402.3

Motion from SENS Faculty Council Meeting on September 4, 2020 to approve the above changes:

Motion: That the Certificate in Sustainability be updated to include an Indigenous Learning requirement (3CU) which can be satisfied by one of a number of listed elective courses, and that INDG 107 be included as an elective option for this 3CU requirement, rather than a required course for all Certificate students.