



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: January 2021

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 Education
College of Engineering
College of Graduate and Postdoctoral Studies
Edwards School of Business

Approval: Date of circulation: January 14, 2021
 Date of effective approval if no challenge received: January 31, 2021

Next scheduled posting:

The next scheduled posting will be February 15, 2021, with a submission deadline on **February 11, 2021**. 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 Governance Office.

University Course Challenge – January 2021

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)

Biochemistry, Microbiology, and Immunology

New courses:

Create Special Topics courses with the BMIS subject code

This combined subject code replaces the old BIOC and MCIM subject codes for all courses in this area intended for Arts & Science students. It is therefore appropriate to create undergraduate Special Topics courses in this subject (398.3, 399.6, 498.3, and 499.6), to be used as needed.

Course deletions:

Delete Special Topics courses in BIOC and MCIM (undergrad only)

All BIOC and MCIM courses which are intended for students in Arts & Science have been relabeled to the combined BMIS subject code. This relabelling applies also to the slate of Special Topics courses.

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.

English

Clarification to December 2020 University Course Challenge

Minor program revisions

Bachelor of Arts Double Honours and Four-year in English

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

3 credit units were added to the A4 Major Requirement total. This change necessitates an equal reduction in the total credit units for the A5 Electives Requirement (from 51 to 48).

Bachelor of Arts Double Honours - English - Major 1

6 credit units were added to the A4 Major Requirement total. This change necessitates an equal reduction in the total credit units for the A5 Electives Requirement as shown below.

A5 Electives Requirement (~~51~~ 45 credit units)

Major 2 (36-42 credit units)

- Double Honours requirements in second discipline

Open Electives (~~6-12~~ 3-9 credit units)

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for 120-credit-unit Double Honours program. Of the 120 credit units required for the B.A. Double Honours degree, at least 66 credit units must be at the 200-level or higher and no more than 60 in one subject.

College of Graduate and Postdoctoral Studies, University Course Challenge – January 2021

The following item is posted to correct a minor clerical error in the posting from November 2020.

Approved by CGPS November 2, 2020

Minor Program Modification

Master of Music in Performance (Piano, Collaborative Piano, Voice, Trumpet and Saxophone Concentrations)

Students must maintain continuous registration in the 992 course.

- GPS 960.0
- GPS 961.0, if research involves human subjects
- GPS 962.0, if research involves animal subjects
- MUS 990.0
- MUS 992.0
- participation in professional activities
- second language requirement (voice only)

A minimum of 24 credits units, including the following:

- ~~9~~ credit units of electives as approved by the Advisory Committee
- MUS 811.3
- MUS 812.3
- MUS 813.3
- MUS 814.3
- ~~3~~ cu in MUS 822.3, MUS 845.3, MUS 851.3, MUS 855.3, MUS 821.3, MUS 852.3, MUS 853.3, OR MUS 854.3

Deleted: <#>3 credit units in MUS 821.3, MUS 852.3, MUS 853.3, or MUS 854.3
<#>3 credit units in MUS 822.3, MUS 845.3, MUS 851.3, or MUS 855.3

Deleted: <#>3

Deleted: <#>MUS 840.3

Rationale: Our M.Mus. programs are relatively new, and as more students are completing their graduate studies in music at the U of S, we have noticed some areas that could be improved in order to stay competitive with other graduate programs in Canada. Over the summer, we have looked at the requirements of many graduate programs in ON, MB, SK, AB, and BC, and decided on a few revisions. Our M.Mus program needs to offer more options to the students. As more graduate courses in music have been created in recent years, we want to add them as possible electives that would be available for all graduate students.

Revisions to the J.D. program were approved through University Course Challenge in December 2020. With the approval of these changes, the Combined J.D. and M.B.A. degree program requires adjustment. The following revisions to this combined program are a direct result of the December 2020 approval and are thus noted here for information only.

Juris Doctor (J.D.) and Master of Business Administration (M.B.A.) Combined Degree - Course-based

M.B.A. courses offered in the combined J.D./M.B.A. Program will allow students to learn a variety of business concepts, and how these business concepts are integrated into business decisions. They will learn the skills associated with becoming competent in reading financial documents and applying the knowledge gained from those documents to business decision-making. The study (and problem-solving practice) of how business decisions are made, models the problem-solving skills required by this competency. Conversely, the skills acquired as part of the J.D. program will reinforce learning in the M.B.A. program.

Admission Requirements

The student will first complete the J.D./M.B.A. Program application from the College of Law. The College of Law will then ensure the student meets the admission criteria in order to be eligible for the combined program. If the student meets the criteria, The College of Law will first send out an offer of admission, and notify the M.B.A. office. The M.B.A. program will then contact the student with directions on how to apply to the M.B.A. program.

- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English.
- a cumulative weighted average of at least a 70% (U of S grade system equivalent) in the last two years of study (i.e. 60 credit units)
- a four-year undergraduate degree, or equivalent, from a recognized college or university in an academic discipline relevant to the proposed field of study

For more information on language proficiency requirements, see the College of Graduate and Postdoctoral Studies [Academic Policies](#) for more information.

- Completed Online application to the College of Law and \$125 application fee
- Official transcripts of academic records are to be sent directly from each institution attended.
- LSAT Score
- Personal statement on career goals related to achieving a JD/MBA
- Completed Online Application to College of Graduate and Postdoctoral Studies MBA Program and \$90 application fee
- Three (3) confidential letters of recommendation, from professors or others acquainted sufficiently with your training and experience to express an opinion on your ability to undertake graduate training.
- Resume

Degree Requirements

- [GPS 960.0](#) Introduction to Ethics and Integrity
- [GPS 961.0](#) Ethics and Integrity in Human Research, if research involves human subjects
- [GPS 962.0](#) Ethics and Integrity in Animal Research, if research involves animal subjects
- [LAW 202.5](#) Contracts
- [LAW 203.5](#) Criminal Law
- [LAW 210.5](#) Property I

- [LAW 211.5](#) Tort Law I
- [LAW 230.5](#) Constitutional Law
- [LAW 232.3](#) Kwayeskastasowin Setting Things Right
- [LAW 244.0](#) Dispute Resolution
- [LAW 245.2](#) Legal Research and Writing
- [LAW 300.0](#) Minor Research Paper
- [LAW 301.0](#) Major Research Paper
- [LAW 308.3](#) Global Indigenous Rights and Resource Development, [LAW 313.3](#) Selected Topics in Indigenous Legal Studies, [LAW 341.3](#) First Nations' Economic Development, [LAW 422.3](#) Indigenous Legal Processes, 436.3 [Aboriginal Law](#), or [LAW 443.3](#) Indigenous Peoples and the Criminal Process, or [LAW 447.3](#) Aboriginal Rights Moot or [LAW 453.3](#) Aboriginal Law and Policy in Canada or [LAW 473.3](#) Indigenous Self Government in Canada, [LAW 479.3](#) Selected Topics in Indigenous Legal Studies Seminar, or [LAW 480.3](#), [Indigenous Peoples in International and Comparative Law](#), or equivalent as approved by the Associate Dean Academic, College of Law
- [LAW 340.3](#) Administrative Law I
- [LAW 421.3](#) Legal Ethics and Professionalism or [LAW 497.3](#) Legal Ethics Clinical Seminar
- [LAW 430.3](#) Negotiation and Dispute Resolution
- [LAW 439.3](#) Mediation
- [LAW 467.3](#) Labour and Employment Law
- [MBA 803.3](#) Business and Society
- [MBA 819.3](#) Marketing for Organizational Decision Making
- [MBA 825.3](#) Financial Management
- [MBA 828.3](#) Tactical Strategy
- [MBA 829.3](#) Financial Statement Analysis
- [MBA 830.3](#) Operations Management
- [MBA 846.3](#) Introduction to Entrepreneurship and Venture Development
- [MBA 865.3](#) Accounting for Planning and Decision Making
- [MBA 870.3](#) Corporate Finance
- [MBA 878.3](#) International Business and Global Marketing
- [MBA 885.3](#) Essential Management Skills
- [MBA 889.3](#) Integrative Modules
- [MBA 992.3](#) Venture Management
- an **additional 33 credit units** of LAW course work which must include a minimum of 3 credit units (with a minimum 60% average) from the following list of Seminar Classes or equivalent, as approved by the Associate Dean Academic (Year 2 or Year 3). The Seminar Class may meet more than one requirement. Choices are as follows:
 - [LAW 305](#) Clinical Law Seminar (Classic)
 - [LAW 393](#) Gender and The Law
 - [LAW 400](#) Wildlife Law
 - [LAW 405](#) Advanced Criminal Law
 - [LAW 406](#) Law and Culture
 - [LAW 413](#) Current Issues in Law Reform
 - [LAW 414](#) Access to Justice and the Institutions of Justice
 - [LAW 416](#) Elder Law
 - [LAW 418](#) Sexual Assault Law
 - [LAW 420](#) Current Issues in Insolvency
 - [LAW 422](#) Indigenous Legal Processes
 - [LAW 424](#) Sports Law
 - [LAW 426](#) Advanced Secured Transactions
 - [LAW 429](#) Law & Disability
 - [LAW 431](#) Advanced Constitutional Law

- LAW 432 Human Rights
- LAW 433 Sallows Human Rights Seminar
- LAW 435 Law and Economics
- LAW 438 Economic Inequity, Poverty & The Law
- LAW 442 Refugee Law
- LAW 443 Indigenous Peoples & the Criminal Process
- LAW 446 Natural Resources Law
- LAW 453 Aboriginal Law & Policy in Canada
- LAW 458 Advanced Health Law
- LAW 463 Fiduciary Obligations
- LAW 465 Law Development & the International System
- LAW 466 Youth Criminal Justice
- LAW 470 Business Finance
- LAW 473 Indigenous Self Government in Canada
- LAW 474 Children & The Law Note: Cat should list as seminar & 2 hrs/week
- LAW 479 Selected Topics in Indigenous Legal Studies Seminar
- LAW 480 Indigenous Peoples in International Comparative Law
- LAW 481 Business Regulation
- LAW 482 Criminal Intensive Law Seminar
- LAW 485 International Criminal Law
- LAW 486 Law & Psychiatry
- LAW 488 Tax Policy
- LAW 491 Intensive Clinical Law Seminar (Classic)
- LAW 493 Systemic Justice (Note this is a 2 term 6 credit unit seminar)
- LAW 494 Prison Law and Human Rights
- LAW 497 Legal Ethics Clinical Seminar (Classic)
- LAW 341 First Nations' Economic Development

*Students who choose to complete LAW 497.3 Legal Ethics Clinical Seminar must complete LAW 492.12 Clinical Law Practicum concurrently. LAW 492.12 Clinical Law Practicum will be counted toward the 15 credit unit course load per term required in Years 2 and 3.

College of Education – January 2021 University Course Challenge

The curricular revisions listed below were approved by the College of Education Faculty Council on Friday, January 8, 2021 and are now submitted to the University Course Challenge for approval.

Contact: Arvelle Van Dyck (arvelle.vandyck@usask.ca)

Course Description Revision for EFDT 101.3: Introduction to Education

EFDT 101.3 — 1(2L-1S)

Introduction to Education

~~Lays foundations for the study of education and pedagogy. The equity component presents a moral basis for questioning personal attitudes and public practices concerning race, gender, exceptionalities, and class. The epistemological component provides a context for understanding the learning process and curriculum development.~~

This course introduces historical, philosophical, sociological, and cultural contexts of education. It lays foundations for inquiry into how these foundational studies inform education and pedagogy (teaching and learning). It considers teacher ethical responsibilities in relation to the environment, diversity, and social justice.

Weekly hours: 2 Lecture hours and 1 Seminar/Discussion hours

Restriction(s): Restricted to students in the College of Education.

Revision to the Mathematics Teaching Areas – Early/Middle Years

To revise the requirements for the Mathematics Teaching Areas 1 and 2 at the Early/Middle Years level to require 6 credit units of 100-level MATH and to permit 100-level STAT courses under the remaining credit units required for the Mathematics Teaching Areas.

Early/Middle Years

Teaching Area 1 - Mathematics

Choose 6 credit units from the following junior level Mathematics ~~or Statistics~~ courses:

- [MATH — 100-Level](#)
- ~~[STAT — 100-Level](#)~~

Choose 12 credit units from the following Mathematics or Statistics courses:

- [MATH — 200-Level, 300-Level, 400-Level](#)
- [STAT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ECON 306.3
- ECON 450.3
- GEOG 302.3
- MATH 163.3

- MATH 164.3
- PLSC 214.3
- PSY 233.3
- PSY 234.3
- SOC 225.3
- SOC 325.3

**Early/Middle Years
Teaching Area 2 - Mathematics**

Choose 6 credit units from the following junior level Mathematics ~~or Statistics~~ courses:

- MATH — 100-Level
- ~~STAT — 100-Level~~

Choose 6 credit units from the following Mathematics or Statistics courses:

- MATH — 200-Level, 300-Level, 400-Level
- STAT — 100-Level, 200-Level, 300-Level, 400-Level
- ECON 306.3
- ECON 450.3
- GEOG 302.3
- MATH 163.3
- MATH 164.3
- PLSC 214.3
- PSY 233.3
- PSY 234.3
- SOC 225.3
- SOC 325.3

For Information

The College of Education's policy on Faculty Actions has been revised to:

- exclude field experiences from the credit unit count for the purpose of Faculty Actions
- use the sessional weighted average for the purpose of Faculty Actions (Promotion, Probation, and the Requirement to Discontinue)

Faculty Actions

These provisions apply to all students who at any time during the September to April period are registered in 18 or more credit units (~~discounting field experiences~~). Students not meeting the averages necessary for promotion ~~Promotion Averages~~ will be placed on Probation or Required to Discontinue. The sessional weighted average is the average used for determining promotion, Probation, or the Requirement to Discontinue.

Students should be aware that meeting these standards does not ensure graduation; rather, these are the minimum standards required to continue studies on a full-time basis.

0-30 Credit Units (while enrolled in the College of Education)

60% - Promotion

55-59.9% - Probation

<55% Required to Discontinue

31+ Credit Units (while enrolled in the College of Education)

60% - Promotion

57-59.9% - Probation

<57% - Required to Discontinue

Probation: Students on *Probation* will receive a warning letter. Probationary action cannot be formally appealed.

Required to Discontinue: Students who are *Required to Discontinue* from the College of Education are not eligible to register in the college for a period of one academic year. Students *Required to Discontinue* for the first time may reapply to the College of Education. Students *Required to Discontinue* more than once could be permanently discontinued and must receive approval from the Student Affairs and Academic Standards Committee of the College of Education before being considered for readmission.

College of Education policies may require teacher candidates to discontinue their studies, at any point in the program, on academic or other grounds if such action is considered to be in the best interest of the teacher candidate, the college and/or the profession.

Students have the right to appeal faculty actions; however, appeals will only be accepted if extenuating circumstances can be shown to account for poor academic performance. Appeals are ruled on by the Student Affairs and Academic Standards Committee and must be initiated through the Undergraduate Programs Office, College of Education. Teacher candidates are notified in writing of Committee decisions and appeal procedures.

Edwards School of Business

For Information

Note the addition of MATH 133.4 to the list of courses that are acceptable in place of COMM 121. This addition makes the note comprehensive.

Change to Year 1 B.Comm. Catalogue Description

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 or [MATH 176.3](#) Advanced Calculus I. The Edwards School will accept MATH 110.3, 121.3, 123.3, 125.3, [133.4](#), or 176.3 in place of COMM 121.3. Students may choose to take COMM 121.3 plus one of MATH 110.3 or MATH 176.3 as an elective if the course is completed after COMM 121.3. MATH 121.3, 123.3, 125.3, or [133.4](#) cannot be used as electives in the B.Comm. program.



College of Engineering Submission to University Course Challenge

January 2021

The following changes have been approved by the College of Engineering Undergraduate Academic Programs Committee and are now being submitted to the UCC for further review and approval, or information.

Contact: Aleksandra Pajic (Aleksandra.pajic@usask.ca)

For Approval

Minor Program Revisions:

- To add **International Studies courses** to the lists Complementary Studies Elective and/or Senior Social/Humanities Studies Elective in the following programs: Chemical, Civil, Computer Engineering, Electrical, Environmental, Geological, Mechanical Engineering and Engineering Physics.

Rationale: The International Studies courses meet the accreditation requirements for both Complementary Studies elective and the Senior Social/Humanities Studies Elective. Including the group of courses to the lists would provide more variety and options to our students.

Complementary Studies Elective

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARBC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CMRS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [COMM 201.3](#) Introduction to Financial Accounting
- [COMM 203.3](#) Introduction to Finance
- [COMM 204.3](#) Introduction to Marketing
- [COMM 205.3](#) Introduction to Operations Management
- [COMM 210.3](#) Introduction to Management Accounting
- [COMM 211.3](#) Human Resource Management
- [COMM 304.3](#) Introduction to Business Law
- [COMM 306.3](#) Ethics and Strategic Decision Making
- [COMM 308.3](#) Cost Management Systems
- [COMM 321.3](#) Corporate Financial Reporting I
- [COMM 323.3](#) Corporate Financial Reporting II



- [COMM 329.3](#) Personal Finance
- [COMM 337.3](#) Business Information and Accounting Systems
- [COMM 340.3](#) Introduction to International Business
- [COMM 342.3](#) Organization Structure and Design
- [COMM 343.3](#) Recruitment Selection and Engagement
- [COMM 345.3](#) Business and Public Policy
- [COMM 346.3](#) Technology Commercialization
- [COMM 347.3](#) Aboriginal Business in Canada
- [COMM 348.3](#) Leadership
- [COMM 349.3](#) Introduction to Entrepreneurship
- [COMM 352.3](#) Marketing Strategy
- [COMM 354.3](#) Consumer Behaviour
- [COMM 357.3](#) Marketing Research
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ECON 111.3](#) Introductory Microeconomics
- [ECON 114.3](#) Introductory Macroeconomics
- [ECON 211.3](#) Intermediate Microeconomics
- [ECON 214.3](#) Intermediate Macroeconomics
- [ECON 221.3](#) Women and the Economy
- [ECON 223.3](#) Labour Economics
- [ECON 227.3](#) Wage Determination
- [ECON 231.3](#)
- [ECON 234.3](#) Economics of Health Care
- [ECON 254.3](#) International Trading System
- [ECON 256.3](#) International Monetary System
- [ECON 270.3](#) Development in Non Industrialized Countries
- [ECON 272.3](#)
- [ECON 275.3](#) Economics of Natural Resources
- [ECON 277.3](#) Economics of the Environment
- [ECON 280.3](#) Classical Economics
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [GEOG 202.3](#) Regional Geography of Canada
- [GEOG 204.3](#) Geography of the Prairie Region
- [GEOG 208.3](#) World Regional Development
- [GEOG 240.3](#) Sustainable Cities and Regions
- [GEOG 280.3](#) Environmental Geography
- [GERM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GRK — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [HEB — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [HIST — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [HNDI — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)



- **IS — 100-Level, 200-Level, 300-Level, 400-Level**
- **JPNS — 100-Level, 200-Level, 300-Level, 400-Level**
- **LATN — 100-Level, 200-Level, 300-Level, 400-Level**
- **LING — 100-Level, 200-Level, 300-Level, 400-Level**
- **LIT — 100-Level, 200-Level, 300-Level, 400-Level**
- **MUS 101.3** Fundamentals of Music
- **PHIL 120.3** Knowledge Mind and Existence
- **PHIL 121.3** Introduction to World Philosophies
- **PHIL 133.3** Introduction to Ethics and Values
- **PHIL 140.3** Critical Thinking
- **PHIL 202.3** Philosophy of Religion
- **PHIL 206.3** Early Modern Philosophy
- **PHIL 208.3** Ancient Philosophy Presocratics to Plato
- **PHIL 209.3** Ancient Philosophy Aristotle to Plotinus
- **PHIL 210.3** Medieval Philosophy I From Rome to Baghdad and Paris
- PHIL 211.3
- PHIL 215.3
- **PHIL 218.3** Existentialism
- **PHIL 219.3** Phenomenology
- **PHIL 224.3** Philosophy of Sexuality
- **PHIL 226.3** Environmental Philosophy
- **PHIL 227.3** Feminist Philosophy
- **PHIL 227.3** Feminist Philosophy
- **PHIL 231.3** Moral Problems
- **PHIL 233.3** Ethical Theory
- **PHIL 234.3** Biomedical Ethics
- **PHIL 235.3** Business and Professional Ethics
- **PHIL 236.3** Ethics and Technology
- **PHIL 237.3** Law and Morality
- **PHIL 238.3** Ethical Issues in Scientific Research
- **PHIL 251.3** Philosophy of Science
- **PHIL 262.3** Social and Political Philosophy
- **PHIL 265.3** Decision and Choice Theory
- **PHIL 271.3** Aesthetics and Philosophy of Art
- **PHIL 281.3** Theory of Knowledge
- **PHIL 285.3** Persons Minds and Bodies
- **PHIL 292.3** Metaphysics Reality Existence and Change
- **PHIL 294.3** Philosophy of Human Nature
- PHIL 296.3
- **POLS — 100-Level, 200-Level, 300-Level, 400-Level**
- **PSY — 100-Level, 200-Level, 300-Level, 400-Level**
- **RCM — 400-Level**
- **RLST — 100-Level, 200-Level, 300-Level, 400-Level**
- **RUSS — 100-Level, 200-Level, 300-Level, 400-Level**



- [SNSK — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SPAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [UKR — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)
- **Exception:** CLAS 104 cannot be used to meet the Complementary Studies Elective Requirements of the program.
- **Note:** Special Topics courses cannot be used to meet a Complementary Studies Elective Requirement (any course ending in 98 or 99).

Senior Humanities or Social Science Elective

- [ANTH — 200-Level, 300-Level, 400-Level](#)
- [ARCH — 200-Level, 300-Level, 400-Level](#)
- [CLAS — 200-Level, 300-Level, 400-Level](#)
- [ECON — 200-Level, 300-Level, 400-Level](#)
- [ENG — 200-Level, 300-Level, 400-Level](#)
- [GEOG 202.3](#) Regional Geography of Canada
- [GEOG 204.3](#) Geography of the Prairie Region
- [GEOG 208.3](#) World Regional Development
- [GEOG 240.3](#) Sustainable Cities and Regions
- [GEOG 280.3](#) Environmental Geography
- [HIST — 200-Level, 300-Level, 400-Level](#)
- [INDG — 200-Level, 300-Level, 400-Level](#)
- [IS — 200-Level, 300-Level, 400-Level](#)
- [PHIL — 200-Level, 300-Level, 400-Level](#)
- [POLS — 200-Level, 300-Level, 400-Level](#)
- [PSY — 200-Level, 300-Level, 400-Level](#)
- [RLST — 200-Level, 300-Level, 400-Level](#)
- [SOC — 200-Level, 300-Level, 400-Level](#)
- [WGST — 200-Level, 300-Level, 400-Level](#)
- **Exception:** ECON 204 cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- **Exception:** PSY 233 and PSY 236 cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- **Exception:** PHIL 241 cannot be used to meet the Senior Humanities or Social Science elective requirements of the program.
- **Exception:** SOC 225 cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
- **Note:** The following Engineering courses will also satisfy the Humanities/Social Science elective requirement: RCM 400, RCM 401, RCM 402, RCM 403, RCM 404, RCM 405, RCM 406, RCM 407, RCM 408, RCM 409, RCM 410, and RCM 495.



For Information - Program Revisions

Certificate in Professional Communication:

- To add the **RCM 406.3 Studies in Communication Series** to the list of approved electives for the Certificate in Professional Communication.
Rationale: This is a newer courses, available to students in the certificate program, but was not included in the list of electives thus far.

Elective Courses (9 credit units)

Student must select and complete three of the following courses:

- [RCM 402.3](#) Interpersonal Communication and Rhetoric
- RCM 403.3
- [RCM 404.3](#) Leadership as Communication
- **RCM 406.3 Studies in Communication Series**
- [RCM 407.3](#) Rhetorical Editing
- [RCM 408.3](#) Rhetorical Composition Writing for the Public
- [RCM 409.3](#) Negotiation as Rhetorical Practice
- [RCM 410.3](#) Rhetoric of Science and Technology
- [RCM 498.3](#) Special Topics

Bachelor of Science in Engineering (B.E.) – Computer Engineering and Electrical Engineering programs

- Move the term of the **EE 466.3 (Image Processing)** class from T1 of 4th year, to T2 of 3rd year in Digital Signal Processing and Application Focus Area in Electrical Engineering program and Computer Engineering program.
Rationale: This was a new course that was approved last year in a stream of 3 courses, EE 466 (Image Processing), EE 467 (Computer Vision), and EE 468 (Design of a Computer Vision System). EE 466/EE 467 were originally planned as corequisites, however they are better suited as sequential rather than parallel material.

Digital Signal Processing and Applications (in Electrical Engineering)

Year 3 - Fall Term

- [CME 341.3](#) Logic Design Using FPGAs



- [EE 362.3](#) Digital Signal Processing

Year 3 - Winter Term

- [EE 365.3](#) Algorithms and Circuits with Finite Precision Arithmetics

Or, if choosing two-dimensional image processing/computer visions courses:

- [EE 466.3](#) Image Processing

Year 4 - Fall Term

- [EE 456.3](#) Digital Communication
- [EE 461.3](#) Digital Filter Design

Or, if choosing two-dimensional image processing/computer visions courses:

- ~~[EE 466.3](#) Image Processing~~
- [EE 467.3](#) Computer Vision

Year 4 - Winter Term

- [EE 465.3](#) Design of a DSP System

Or, if choosing two-dimensional image processing/computer visions courses:

- [EE 468.3](#) Design of a Computer Vision System

Digital Signal Processing and Applications (in Computer Engineering)

Year 3 - Fall Term

- [EE 362.3](#) Digital Signal Processing

Year 3 - Winter Term

- [EE 365.3](#) Algorithms and Circuits with Finite Precision Arithmetics

Or, if choosing two-dimensional image processing/computer visions courses:

- [EE 466.3](#) Image Processing



Year 4 - Fall Term

- [EE 456.3](#) Digital Communication
- [EE 461.3](#) Digital Filter Design

Or, if choosing two-dimensional image processing/computer visions courses:

- ~~[EE 466.3](#) Image Processing~~
- [EE 467.3](#) Computer Vision

Year 4 - Winter Term

- [EE 465.3](#) Design of a DSP System

Or, if choosing two-dimensional image processing/computer visions courses:

- [EE 468.3](#) Design of a Computer Vision System

Bachelor of Science in Engineering (B.E.) – Computer Engineering

- To move the **science elective** from Term 2 Year 3 to Term 1 Year 3 in Computer Engineering Program.

Rationale: Currently in CME, students take 5 courses in Y3T1 and 6 courses in Y3T2. Leaving it as is would make the students take 7 courses in Y3T2 if they choose image processing path. So, we propose to move one course from Y3T2 to Y3T1 to make room for EE466.

Year 3 (33 credit units)

Focus Areas – Students must complete the Digital Systems Focus Area and one of the Digital Signal Processing and Applications Focus Area or Computer Software Focus Area.

Fall Term

- [CME 331.3](#) Microprocessor Based Embedded Systems
- [CME 341.3](#) Logic Design Using FPGAs
- [CMPT 214.3](#) Programming Principles and Practice
- 3 credit units Digital Systems Focus Area
- 3 credit units Second Focus Area
- 3 credit units Science Elective List 1 or List 2



Winter Term

- [CME 334.3](#) Network Architecture and Protocols
- [GE 348.3](#) Engineering Economics
- [RCM 300.3](#) Effective Professional Communication
- 3 credit units Digital Systems Focus Area
- 3 credit units Second Focus Area
- ~~3 credit units Science Elective List 1 or List 2~~

For Information - Course Changes

- To change the number of **RCM 300.3 Effective Professional Communication** to RCM 200.3 Effective Professional Communication.
Rationale: The majority of engineering students take this course in the second year of their program, and a 200 level designation more closely reflects the level of difficulty of the course. Changing to a 200 level designation will also allow the course to become a more appealing elective for students in the College of Kinesiology.
- To change **pre- and corequisites to EE 466.3** due to the move of the course to Term 2 in Year 3 (from Term 1 in Year 4):
From:
EE 466.3: Image Processing
Prerequisite(s): EE 365
Prerequisite(s) or Corequisite(s): EE 467

Changed to:
Prerequisite(s):
Prerequisite(s) or Corequisite(s): EE 365
- To change **pre- and corequisites to EE 467.3** due to the move of the course EE 466.3 to Term 2 in Year 3 (from Term 1 in Year 4):
From:
EE 467.3: Computer Vision
Prerequisite(s): EE 365
Prerequisite(s) or Corequisite(s): EE 466

Changed to:
Prerequisite(s): EE 365, EE 466
Prerequisite(s) or Corequisite(s):



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- Change the course title of **ME 314.3** from Machine Design to Machine Design I.
Rationale: The department recently created a new 4th-year design elective ME 496.3, with the title Machine Design II. The new course builds on the knowledge gained in ME 314.3 Machine Design. This change is necessary to ensure consistency in the titles of ME courses. The prerequisites/corequisites for ME 314.3 will remain unchanged.